

# 2022 LAUNCH READY

*Elevate your productivity with a universe of high-performance storage, docking solutions and much more.*



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2022 WINTER CATALOG

NEW AND COMING SOON  
OWC PRODUCTS

NEW! OWC AURA PRO IV  
7415MB/s Up to 2.0TB

Strap in and hold on tight as you're launched into the world of PCIe 4.0 SSD performance. With 2X faster speed than PCIe 3.0 technology, the Aura Pro IV is the fastest internal NVMe M.2 SSD upgrade for Mac and Windows PC performance enthusiasts, production-level content creators, and gamers.

- Transformative: dramatically speeds up A/V workflows, video streaming, system responsiveness, back-ups, and app/gaming load times
- Consistent: dynamic SLC cache for intensive write bursts



NEW! OWC U.2 WORK-  
FLOW SOLUTION  
4, 8, 32TB from \$1049.00  
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NEW! OWC miniSTACK STX  
Up to 770MB/s | Up to 26TB | Mac,  
Windows, Chrome OS, & iPadOS  
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NEW! OWC ACCELSIOR 8M2  
Up to 26,926MB/s | Up to 64TB |  
Mac & Windows  
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NEW! OWC AURA P13 PRO  
Up to 2771MB/s | Up to 2.0TB  
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NEW! OWC MERCURY PRO U.2 DUAL  
Up to 2447MB/s | Up to 64TB | Mac & Windows  
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NEW! OWC U2 SHUTTLE  
Up to 1556MB/s | Up to 32TB |  
Mac & Windows  
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NEW! OWC U2 SHUTTLEONE  
Up to 8000MB/s | Up to 8.0TB | Mac  
& Windows  
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SOFTRAID FOR  
WINDOWS

SOFTRAID FOR MAC

NEW! SOFTRAID  
Pro RAID 0/1/4/5/1+0 (10) | Lite RAID 0/1 | Mac & Windows  
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NEW!  
OWC THUNDERBOLT 4/  
USB-C CABLES  
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NEW!  
OWC THUNDERBOLT DUAL  
DISPLAYPORT ADAPTER  
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NEW! OWC FLEX 1U4  
Up to 2750MB/s | Up to 128TB | Mac & Windows

Coming Soon  
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NEW! OWC ATLAS FXR  
Thunderbolt and USB CFexpress  
Type B Card Reader

Coming Soon  
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NEW! USB-C TO DUAL HDMI ADAPTER  
Two 4K displays | USB-C bus-powered |  
90W pass-through power | Mac or Windows

Increase your work productivity up to 35% and gain precious personal free time by adding two 4K displays to your Intel and Apple silicon Mac or Windows PC. Enjoy easier, more natural viewing of page layouts, spreadsheets, videos, and web pages.

- Universal: Fully compatible and optimized to work with Intel and Apple silicon Macs
- Convenient: bus powered via integrated 13-inch USB-C cable for use anywhere
- Powerful: up to 90W pass-through power for charging a notebook or other device
- Portable: about the size and weight of a compact smartphone



NEW! OWC ATLAS PRO S  
Up to 256GB | UHS-II V90 SD  
Media Cards  
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NEW! OWC ATLAS PRO  
Up to 2.0TB | CFexpress Type B  
Coming Soon  
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NEW! OWC ATLAS PRO ULTRA  
Up to 640GB | CFexpress Type B  
Coming Soon  
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# SERVING YOU. SERVING HUMANITY.

*The OWC Difference*

For over 33 years, we've used the phrase "OWC Difference" to describe diverse activities that are singular in purpose. Creating highest quality products, truthfully listing their real-world test results, and supporting customers like you around the world with elite service is the foundation for how all of us here strive to provide the OWC Difference.

We're committed to making a difference in the world with our business operations. We recycle 97 percent of our solid waste materials, and we generate more power than we consume with our solar and wind power generators. We're pleased to serve by example that conservation and capitalism can exist in harmonious unification.

Looking outside our own sphere of environmental influence, we've collaborated with filmmakers and photographers to educate and inspire others to the cause of conservation, preparation, and better health. Whether it's the Netflix documentary *Kiss the Ground*, or Florian Wagner's Worldwide Waters Project, OWC solutions are legitimately helping to make this world a better place for future generations.

The latest film project we've had the pleasure to help is the documentary *Eating Our Way to Extinction*. The film takes audiences on a cinematic journey around the world, telling the shocking but empowering story of why what we eat is the single most important tool we have for reversing the global environmental crisis.



Making our world a better place means serving mankind and those that need help the most. Close to home, we've worked with the Chicago Public School system and their Chicago Untold Stories (CUS) program. Teen students in the program learn how to shoot documentary-style films on an iPhone and store them on OWC external storage. We like to think we're nurturing more than future story tellers, we're creating new thinkers and new leaders.



To empower orphaned children around the world, we became The Orphaned Starfish Foundation's first hardware partner in its 20-year history. Besides providing refurbished Macs and storage for the foundation, we will be building seven OWC media centers in under-resourced communities in the US and abroad. The centers' goal is to provide orphans, victims of abuse, survivors of trafficking, indigenous children, at-risk youth, and refugees technology-based education, job training and job placement assistance.



The "adhesive" that holds together all these layers of service to fellow man? Team OWC! There's a monthly program here that allows OWC'ers to nominate a fellow staff member as an OWC Difference Maker. The nominated individuals are praised by their associates for doing something special that sets OWC apart. Here's a few excerpts:

"...provides the kind of service that turns OWC customers into customers for life."

"...absolutely crushes it, ensuring that our customers are satisfied."

"...demonstrates a willingness to help wherever help is needed."

"...makes sure that every customer is taken care of and keeps coming back to OWC."



January 2021



June 2021



August 2021



August 2021

In every current decision, world shaping endeavor or future dream we have, none of it could be possible without OWC Difference Makers like those who pictures adorn this page. They and all of us at OWC are passionate about making your work and play better, each other's day better and the planet's resources better utilized. So contact us, we'd love to talk about your workflow, upgrade, storage, computing needs and have the chance to show you the OWC Difference.

## OWC SPOTLIGHT: MUSIC

### ADDICTION SOUND STUDIOS

When artists from New York, Los Angeles, and Nashville couldn't travel due to the pandemic, record producer David Kalumsky knew where to find the right products to bridge the distance. Starting with OWC's Thunderbolt Dock, which lets him interface with equipment as far back as the early 1930s in a modern digital studio environment. Whether uploading tracks from analog tapes, switching instruments on an iPhone, using a mini guitar jam-stick that's connected to an OWC Dock, or all of the above, Kalumsky depends on OWC's highly dependable solutions to keep the music flowing!

But that's not the only OWC technology Kalumsky uses at Addiction Sound Studios. He uses the OWC Envoy Pro Elektron Drive—the virtually indestructible remote work powerhouse—to make magic happen. Whether he's able to work with artists in person, recording from his home office, or on the move, the OWC Elektron gives him the necessary bandwidth to get the job done. Best of all, the OWC Elektron's Plug & Play capabilities immediately sync to the cloud for easy collaboration, from anywhere.

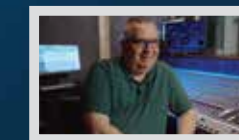
Read more about why Addiction Studios depends on OWC solutions for remote recording and learn why David Kalumsky calls the OWC Elektron "the best work drive I've had to date!"

You can learn more about Addiction Sound Studios at [www.macsales.com/addictionsound](http://www.macsales.com/addictionsound)



### FAME RECORDING

Tucked away along the northern Alabama border is the village of Muscle Shoals—home to Fame Recording Studio. Artists such as Aretha Franklin, Little Richard, Wilson Pickett, Paul Simon, and Lynyrd Skynyrd are just the shortlist of some of the music legends that have passed through these doors.



Glenn Rosenstein is a producer, composer, mixer, and partner at Fame Studios.

Today, Fame is outfitted with multiple recording suites ranging from classic all-analog workflows to fully equipped Pro Tools suites. But Glenn is modest when talking tech. "Each of these artists needs different tools, and those tools are something that part of my job is to supply." While some consoles are now classified as vintage, Glenn laughs and says the gear has simply become vintage as it has been in service since it was new. "Every element of what I do as a producer, as a coach, which is really my job, is to enhance the performance levels of the people that I interact with."

The largest challenge for Fame at the moment is adapting to the new hybrid workflows for both their artists and for their engineers to work seamlessly between their home studios and at Fame. One key strategy they have employed is to have cloned drives for at home and in the office while leveraging a shuttle drive to move media and sessions back and forth between home studios and the office. OWC has been proud to have been a part of helping them design their workflows to increase productivity and efficiency during this transition.

OWC has been actively involved in the pro audio community and works with producers like Glenn Rosenstein to ensure that sessions run smoothly and the technology behind it all is seamless. "The Thunderbay 4 has been very stealthy and reliable. It's amazing to have an attentive ear on the needs of our community. OWC executes with great accuracy."



You can learn more about Fame Recording Studios at [www.macsales.com/fame](http://www.macsales.com/fame)





# POCKET-SIZED POWERHOUSES

## PORTABLE SSDs FOR ALL COMPUTERKIND™

Tiny. Tough. Thrillingly fast. The Envoy Pro family of portable SSDs are the ideal companion for all data storage needs. From personal to pro and from desktop to on-the-go.

### OWC ENVOY PRO FX

Up to 2800MB/s | Up to 2.0TB | Mac, Windows, Linux, Chrome OS, & iPadOS

The fastest, most compatible bus-powered portable drive For All Computerkind. The first of its kind to go into space and return to work with yesterday's, today's and tomorrow's Thunderbolt and USB computers/devices. Perfect for audio, video, photography, graphics, gaming, and general data storage/backup uses.

- Flexible compatibility: Macs and PCs, plus iPad, Chromebook, and Surface devices
- Xtremely fast: supports Thunderbolt and USB interface up to 2800MB/s
- OWC Aura SSD powered: up to 6x faster performance vs. other portable SSDs
- Built like a tank: dust/drop/waterproof certified
- Protected: 3 Year OWC Limited Warranty

**240GB–2.0TB from \$219.00 | Most Popular: 2.0TB \$549.00**  
[www.macsales.com/envoyprofx](http://www.macsales.com/envoyprofx)



### NO MORE INTERFACE WORRIES!

This stealthy and silent drive plugs into computers, tablets, and smartphones so you can transfer files as fast as your device can go!



### ONE SUPER LITTLE BEAST

Envoy SX handles daily storage to production-level workflows like a true superhero. And it's extremely rugged to shrug off the most perilous work and play settings.



### SMALLER. FASTER. LIGHTER.

Half the size of a smartphone and bus-powered, yet able to transfer gigabytes of data in seconds with anything, anywhere.



### NEW! OWC ENVOY PRO SX

Up to 2847MB/s | Up to 2.0TB | Mac, Windows, & iPadOS

This super-fast, rugged portable Thunderbolt SSD for daily to production-level audio, design, and photography storage needs.

- Super-fast: up to 6x faster performance vs other portable SSDs
- Super versatile: perfect for A/V, photo, graphics, gaming, and general storage/backup
- Xtremely portable: bus-powered and smaller than most compact size smartphones
- Xtremely rugged: dust/drop/waterproof certified
- Protected: up to 3 Year OWC Limited Warranty

**240GB–2.0TB from \$179.00 | Most Popular: 240GB \$179.00**  
[www.macsales.com/envoyprosx](http://www.macsales.com/envoyprosx)



### OWC ENVOY PRO ELEKTRON

Up to 1011MB/s | Up to 2.0TB | Mac, Windows, Linux, Chrome OS, & iPadOS

The fastest and toughest mini-sized SSD in the universe. Put massive-sized personal and work files in the palm of your hand while pushing USB-C's bandwidth to the max. Edit and save wherever, whenever on virtually any Mac, PC, or mobile device.

- Unbeatable: up to 2x faster performance than other mini-sized SSDs
- Universally compatible: works with past/present/future Thunderbolt and USB Macs plus iPad Pros, Chromebooks, and Android tablets
- Impenetrable: crushproof, dustproof and waterproof
- Protected: up to 3 Year OWC Limited Warranty

**240GB–2.0TB from \$99.00 | Most Popular: 1.0TB \$229.00**  
[www.macsales.com/elektron](http://www.macsales.com/elektron)







**OWC ENVOY PRO EX WITH USB-C**  
Up to 1006MB/s | Up to 8.0TB | Mac, Windows, Chrome OS, & iPadOS

Take your photos, videos, and music with you wherever you roam. With lightning-fast speeds up to 1006MB/s, you can edit 4K videos and photos or drag and drop files in mere seconds. You can even record directly from USB-C cameras.

- Supercharged: powered by an OWC NVMe M.2 SSD, designed to go everywhere
- Robust: edit large format files directly from the drive
- Mobile: bus-powered and fits in your pocket
- Impenetrable: crushproof, dustproof and waterproof
- Protected: up to 3 Year OWC Limited Warranty

**240GB–8.0TB from \$129.00**  
**Most Popular: 1.0TB \$249.00**  
[www.macsales.com/envoyproex](http://www.macsales.com/envoyproex)

# BACKUP, PLAY, & EDIT FASTER.



**ADD CHOICE OF DRIVE IN 3 STEPS**  
Quick DIY solution for today's and tomorrow's storage needs

**OWC ENVOY EXPRESS**  
Up to 1553MB/s | 0GB Add your own drive | Mac & Windows

World's first Thunderbolt-certified, bus-powered 'add your own drive' enclosure that puts super-fast video, audio, and gaming backup and storage in your pocket for easy transport.

- Lightning speed: supports up to 1553MB/s real-world performance
- Certified: first bus-powered enclosure that meets stringent Thunderbolt power requirements
- Easy DIY: uses any NVMe M.2 2280 SSD available today and in the future
- Gets onboard: includes removable slide mount for out-of-the-way use convenience
- Compact: shorter than a ballpoint pen and weighs a mere 3.3 ounces with drive
- Protected: 2 Year OWC Limited Warranty

**only \$79.00**  
**Ready-built Now Available**  
**4TB and 8TB solutions from \$749.00**  
[www.macsales.com/envoyexpress](http://www.macsales.com/envoyexpress)



# ROCKET FUEL FOR YOUR CREATIVE ENDEAVORS

**NEW! OWC ATLAS FXR**  
Thunderbolt and USB CFexpress Card Reader

Easily transfer captured content from CFexpress Type B cards. With universal compatibility on nearly any computer, tablet, or phone with a Thunderbolt (USB-C) or USB port, you can take advantage of transfer speeds over 1500MB/s with Thunderbolt and 900MB/s with USB.

- Flexible compatibility: plug and play with past, present, and future Macs, Windows PCs, iPads, Chromebooks, and Surface devices
- Xtremely fast: supports the max performance of any Thunderbolt or USB interface
- Portable: bus-powered and pocket-sized
- Plug and play: includes Thunderbolt (USB-C) cable with tethered USB-A adapter

**Coming Soon**  
[www.macsales.com/atlasfxr](http://www.macsales.com/atlasfxr)



**OWC ATLAS PRO MEMORY CARDS**  
High Performance Type B Memory Cards

Atlas Pro memory cards are rugged and OWC Beyond Fast™. They're ideal for professional photographers, videographers, and content creators who need to reliably capture RAW images and footage of fast-moving sports, nature, and other action shots.



**NEW! OWC ATLAS PRO**  
Up to 2.0TB | CFexpress Type B

- OWC Beyond Fast: Up to 1400MB/s write and 1700MB/s read peak speeds for smooth RAW footage and fast action capture.
- Tough: impact, bend, shock, UV ray, and x-ray resistant
- Backwards compatible with XQD devices

**Coming Soon**  
**32GB - 256GB from \$49.00**  
[www.macsales.com/atlaspro](http://www.macsales.com/atlaspro)



**NEW! OWC ATLAS PRO ULTRA**  
Up to 640GB | CFexpress Type B

- OWC Beyond Fast: Up to 1500MB/s write and 1700MB/s read peak speeds for smooth 8K capture and continuous high frame rate burst mode image capture
- Continuous/Burst Mode Capable: delivers average sustained write speeds of 1224MB/s
- Tough: impact, bend, shock, UV ray, and x-ray resistant
- Backwards compatible with XQD devices

**Coming Soon**  
**320GB–640GB from \$369.00**  
[www.macsales.com/atlasultra](http://www.macsales.com/atlasultra)



**NEW! OWC ATLAS S PRO**  
Up to 256GB | UHS-II V90 SD Media Cards

- OWC Beyond Fast: 277MB/s write and up to 290MB/s read consistent performance over the card's entire capacity
- Advanced: Utilizes pSLC technology to provide consistent leading-edge performance, endurance, and reliability
- Backwards compatible with UHS-I SD devices and readers
- Long lasting: Up to 10X higher memory endurance than common SD cards

**32GB–256GB from \$49.00**  
[macsales.com/atlasspro](http://macsales.com/atlasspro)



# FASTER THAN YOU CAN IMAGINE

## OWC THUNDERBLADE

Up to 2800MB/s | Up to 32TB | Mac & Windows

The award-winning ThunderBlade has become a production essential around the world. Its massive speed blazes through uncompressed, high-bandwidth content streams and helps keep productions rolling ahead of deadline. Built durable for easy transport and on-location use!

- Cool and silent: fanless for silent use on set and in the studio
- Tough: rugged portability with ballistic hard-shell case
- SoftRAID: manages, monitors, and protects your data
- Protected: up to 3 Year OWC Limited Warranty

**1.0TB–32.0TB from \$949.00 | Most Popular: 8.0TB \$2,099.00**  
[www.macsales.com/thunderblade](http://www.macsales.com/thunderblade)



### A priceless tool for media professionals

This instantly became one of the most important tools in my arsenal. BRAVO OWC, this beauty is world-class!



*"With transfer speeds that redefine your workflow, DIT is not the last off the set. Thank you ThunderBlade."*

— Scott McLeslie, CTO of Village Studios

# PUSH YOUR CREATIVITY FURTHER

## OWC EXPRESS 4M2

Up to 2800MB/s | Mac & Windows

From on-location shoots to all-night gaming and on-stage performances, this customizable external drive puts four powerful NVMe SSDs at your fingertips. RAID them how you wish, and connect them all via Thunderbolt, the fastest and most flexible interface.

- Flexible: add up to (4) NVMe M.2 SSDs of your choice
- See more: dedicated DisplayPort for adding an additional display
- SoftRAID: manages, monitors, and protects your data
- Protected: 1 Year OWC Limited Warranty

**only \$249.00**

[www.macsales.com/express4m2](http://www.macsales.com/express4m2)

**PUT THE POWER OF FOUR OWC AURA P12 PRO NVMe M.2 SSDS AT YOUR FINGERTIPS!**

**240GB–8.0TB from \$64.00 | Most Popular: 1.0TB \$164.00**

[www.macsales.com/m2ssd](http://www.macsales.com/m2ssd)



Drives not included



### Great System!

I have two volumes running in this enclosure. One is a RAID 0 with two drives. ... This runs flawlessly and quiet!

# mini SIZED. MAMMOTH POSSIBILITIES

## NEW! OWC miniSTACK STX

Up to 770MB/s | Up to 26TB | Mac, Windows, Chrome OS, & iPadOS

Meet the world's first Thunderbolt certified Thunderbolt 4 storage solution! Sized identically to the Mac mini, the miniStack STX is also a sleek, complementary companion for port and storage limited computers and devices. An HDD/SSD bay and NVMe M.2 SSD slot provide gigantic storage capacity plus the speed needed for 4K video editing, photography, audio, and everyday data tasks. Adding more ports to your computer or device opens up your workflow to millions of devices and accessories.

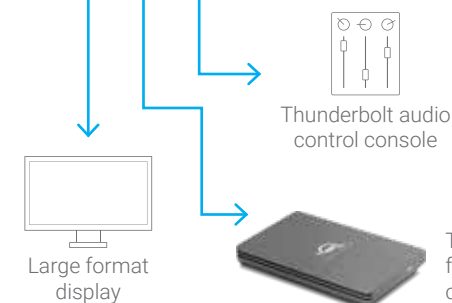
**from \$299.00**

[www.macsales.com/ministackSTX](http://www.macsales.com/ministackSTX)



- Massive capacity: add over 200x greater data storage on top of your Mac mini's built-in storage
- Mega Thunderbolt: use more accessories and devices with three Thunderbolt (USB-C) ports
- Maximum compatibility: use with Thunderbolt or USB equipped Macs, PCs, iPads, Chromebooks, Android tablet, and virtually anything that supports external storage
- More connectivity: add a mix of up to five Thunderbolt devices, three USB devices, and two displays
- Whisper-quiet: an aluminum housing with internal heat sink and high-efficiency cooling fan provides cool, nearly silent operation
- Protected: up to 3 Year OWC Limited Warranty

# LAUNCH YOUR WORKFLOW INTO ORBIT WITH miniSTACK STX



Use the SATA drive for Time Machine or File History backups

Use the NVMe drive for fast access to plugin libraries, audio and video files, and anything else you need quick access to

## MAXIMIZE YOUR MINI INVESTMENT

If you own a 2018 Intel Mac mini or the latest M1 version, the fact that the internal factory drive can't be upgraded is no longer a reason to sell your beloved little powerhouse. The miniStack STX maximizes your mini's investment with a mighty capacity and connectivity punch for a fraction of the time and money you would spend in buying and setting up a new machine.



# FLEX THROUGH EVERY WORKFLOW

## OWC THUNDERBAY FAMILY

The amount of data you need to access and store efficiently increases daily. With multiple configurations to choose from, the ThunderBay line provides space, speed, and flexibility for your storage needs — today and in the future.

### OWC THUNDERBAY FLEX 8

Up to 2750MB/s | Up to 158TB | Mac

The world's first Thunderbolt storage, docking, and PCIe expansion solution. It's highly configurable to meet your unique workflow needs.

- Versatile: 8 FLEXible drive bays all supporting 2.5-inch/3.5-inch SATA 6Gb/s, and the top four bays also support NVMe U.2 for ultimate speed
- Connected: works with all devices with (1) USB-C and (2) USB-A 10Gb/s ports
- Visual: DisplayPort 1.4 for connecting up to an 8K display
- Expandable: front-side SD 4.0 and CFexpress card readers
- Cutting-edge: PCIe (x16) slot for A/V, storage, RAID, networking, or I/O card
- Protected: up to 5 Year OWC Limited Warranty

**Ready Built Solutions from \$2499.00**  
**DIY Enclosure for Max Configurability \$1,199.00**  
[www.macsales.com/flex8](http://www.macsales.com/flex8)



# RAID – DO MORE WITH YOUR DATA

## DIGITAL LIVES NEED INCREASED STORAGE MANAGEMENT

Digital Lives Need Increased Storage Management We rely on our computers to keep more personal and professional data than ever before. From family photos and videos to business and legal documents to critical work presentations. Whether you are a home computer user or a master of bits and bytes,

RAID (Redundant Array of Independent Disks) storage should be added to your bag of tricks to get the most performance from your storage while keeping your digital life safe.

## WHAT IS RAID?

RAID is a way to put multiple drives together and have them work in unison to give you incredible speed accessing your data, robust protection of your files, or a combination of both. There are several different RAID levels that offer different benefits depending on your workflow. Here is a quick overview:

RAID 0	RAID 1	RAID 4	RAID 5	RAID 1+0(10)
Speed and Size	Security	Speed and Security	Speed and Security	Fastest and most secure
Data is striped between disks	Data is mirrored between disks	Data is striped with dedicated parity	Data is striped with distributed parity	Data is mirrored and striped

For more details on RAID levels visit [softraid.com](http://softraid.com)

## HOW DO YOU RAID?

To create a RAID, you need something to manage the disks and how the data is stored. This is handled by a hardware controller or software. At OWC, we have created software that not only makes it extremely easy to setup and use RAID, but also includes robust monitoring features that give you more power and protection than hardware RAID. Our SoftRAID software for

both Mac and Windows does everything from creating your RAID to quickly rebuilding your RAID if a disk fails. You get the best of both worlds as our hardware and software teams work together to create a powerful, optimized storage solution.

## PERFECT FOR EVERYONE

RAID can be intimidating, but we've created solutions that make it extremely easy for everyone to take advantage of the benefits of RAID. Our cost-effective, flexible storage solutions make your precious digital memories and mission-critical files safer and more accessible than ever before.

### HOME OR OFFICE

From the small business owner needing to back up important legal documents or tax information, to the home user with large Time Machine backups or expanding family photo libraries, they might not need the fastest access to their files, but they do need large capacity and secure storage. A RAID solution is ideal for these situations. A ThunderBay 4 or Mercury Elite Pro Quad powered by SoftRAID gives users room to expand and peace of mind knowing their files are safe.



### PHOTOGRAPHERS

After shooting weekend weddings and weekday family photos, quick offloads and easily access for editing is needed. Add a ThunderBay 4 or Mercury Elite Pro Quad to protect and ease your workflow.



### AUDIO/VIDEO PROS

Audio and video engineers can very quickly put together huge libraries of content and they need to be able to access that content fast enough to do real time editing. A ThunderBay 8 or Flex 8 powered with SoftRAID provides the throughput to save time and money without bottlenecks.

### RESEARCHERS & ACADEMIA

Researchers working with enormous data sets need speed and raw computing power to crunch the numbers. SoftRAID's paired with OWCs fastest drives, like our Accelsiors, supply the power necessary to make breakthrough discoveries possible.

### MIXED ENVIRONMENT - MACS & PCS

The video has been shot now the editing teams get to work. Unfortunately, editing is done on a PC and color correction is handled by the Mac. No problem, with ThunderBay 4 or 4 mini, simply unplug the unit from the PC and plug into the Mac. SoftRAID's cross-platform ability makes a seamless and uninterrupted transition.



### DIT

After a long day on set, the DIT needs to data wrangle the day's footage and offload footage as quickly as possible. SoftRAID and the crazy fast, crazy portable, crazy cool ThunderBlade make this task a breeze.

SoftRAID is included with select OWC RAID enclosures including ThunderBay, ThunderBlade, Express 4M2, Mercury Elite Pro Quad, Mercury Pro U.2 Dual, Accelsiors





OWC THUNDERBAY 8

Up to 2586MB/s | Up to 144TB | Mac & Windows

Eight hot swappable drive bays makes you feel like you're running your own personal data center! Two Thunderbolt ports so you can breeze through business backups, as well as today's highest RAW photo and multi-stream 4K video formats.

- Mix or match: 2.5-inch (no adapter needed) and 3.5-inch HDDs and SSDs
- Connected: second Thunderbolt 3 port for adding up to five additional Thunderbolt devices
- SoftRAID: manages, monitors, and protects your data
- Powerful: daisy-chain six units together for up to 864TB capacity
- Protected: up to 5 Year OWC Limited Warranty

16TB-144TB from \$1,379.00 | Most Popular: 32TB \$1,929.00
www.macsales.com/thunderbay8



EDIT, EXPERIMENT, CREATE, & DESIGN

OWC THUNDERBAY 4

Up to 1527MB/s | Up to 72TB | Mac & Windows

Our original RAID powerhouse is Thunderbolt 3 powered so you can get the most out of your storage, take the brakes off your workflow, and do more.

- Versatile: works with 3.5-inch or 2.5-inch drives - no adapter needed
- Connected: dual Thunderbolt 3 ports + dedicated DisplayPort 1.2 port
- SoftRAID: manages, monitors, and protects your data
- Options: Thunderbolt 3 and Thunderbolt 2 models available
- Protected: up to 5 Year OWC Limited Warranty

4.0TB-72TB from \$849.00 | Most Popular: 16TB \$1,179.00
www.macsales.com/thunderbay4



Great drives

Equipment is super solid and support staff is fantastic. No need to look anywhere else.



OWC THUNDERBAY 4 MINI

Up to 1556MB/s | Up to 16TB | Mac & Windows

Four 2.5-inch drive bays transform SSDs and HDDs into a pro-grade Thunderbolt solution that fits on a desk, in a rack, or on a DIT cart.

- Exhilarating: (4) 2.5-inch drive bays for maximum SSD/HDD potential
- Options: Thunderbolt 3 and Thunderbolt 2 models available
- SoftRAID: manages, monitors, and protects your data
- Compact: pencil-length and 3.1 lbs with SSDs
- Protected: up to 3 Year OWC Limited Warranty

4.0TB-16TB from \$699.00 | Most Popular: 16TB \$879.00
www.macsales.com/thunderbay4mini



NEW! OWC FLEX 1U4

Up to 2750MB/s | Up to 128TB | Mac & Windows

Expand your production rack or DIT cart versatility! Four hot swap bays let you use a variety of drives including U.2. Connect mixers, keyboards, and cameras plus charge your notebook and mobile devices with an abundance of Thunderbolt and USB ports. Add another display. Or install a PCIe card to expand your capture, recording, networking, or storage capabilities.

Coming Soon

www.macsales.com/flex1u4

- Four swappable 3.5/2.5-inch drive bays: use SATA/SAS HDDs, SSDs, and U.2/M.2 NVMe SSDs
- More ports: (2) USB-C 10Gb/s and (3) USB-A 10Gb/s ports for connecting peripherals and mobile devices such as tablets
- More screens: DisplayPort 1.4 for connecting up to an 8K display
- Play your card: (1) PCIe slot for audio/video capture, networking, SSD storage, hardware RAID card, or I/O card
- Configurable: second Thunderbolt (USB-C) port for daisy chaining devices or adding additional display(s)
- Protected: Up to 5 Year OWC Limited Warranty

OWC MERCURY PRO LTO

Up to 300MB/s native | Up to 12TB Native | Mac, Windows, & Linux

This easily integrated tape backup/archiving solution is a critical requirement to protect and preserve huge volumes of data over time. A built-in handle makes it easy to take it on-set, or on the move - bringing shared data protection to your studio, department, or office computers.

- Flexible: built-in IBM-LTO-8 drive reads and writes LTO-8 and LTO-7 tapes
- Store longer: up to 30-year tape longevity
- Store more: up to 12TB native and up to 30TB compressed storage capacity per tape cartridge
- All-in-One: Ingest, Edit, Archive, Deliver - add up to 16TB SSD for additional onboard storage.
- Simple interface: mount, format, and backup to an LTO tape and hard drive simultaneously via optional ArGest Backup software
- Protected: 3 Year OWC Limited Warranty

From \$4,879.00 with everything you need

www.macsales.com/mercuryprolto



ARGEST SOFTWARE SOLUTIONS

From simple data ingest to large scale deep archiving, OWC ArGest® Software Solutions, Powered by BRU, offer a complete toolset of cost-effective, easy-to-use function-specific tools that put you in control of your data's future without limits or exceptions.

To see how ArGest solutions can work for you, please visit macsales.com/argest



# JELLYFISH

## PLUG & PLAY SHARED STORAGE FOR VIDEO TEAMS

FOR EDITORS, BY EDITORS

Helping teams of video editors work together in hi-res footage in any NLE or computer is kind of our thing. We know that high performance, ease-of-use, collaboration, and a support team that knows video workflow is really what you care most about, because it's the kind of shared storage we'd want to use ourselves.



### HIGH PERFORMANCE

High-speed connections enable your entire team to work with 4K, 6K or 8K video files without dropping frames, directly off of the Jellyfish.



### EASE OF USE

Jellyfish relies on intuitive software tools to empower your editing team to make the most of their server with minimal onboarding time and setup.



### MOBILE

#### PERFECT FOR

Video teams on the go or creative teams of four to six team members editing 4K video.

#### FEATURES

- Single CPU
- 32TB - 96TB of raw storage
- Expand up to 288TB
- 3200MB/s aggregate read speed
- 128GB of RAM
- 1TB of read cache
- 1GbE/10GbE connections
- Whisper quiet



### COLLABORATION

Store all of your team's assets and projects in one place accessible to everyone from anywhere. Take your workflow to the next level.



### SUPPORT

With direct access to a team of IT and video workflow experts, there's always someone to call to get a quick response. We're a support team built by editors, for editors.



### RACK

#### PERFECT FOR

Teams that need the highest performance or storage, and already have a server room.

#### FEATURES

- Dual CPU
- 80TB - 240TB of raw storage
- Expand up to 1.2PB
- 4600MB/s aggregate read speed
- 256GB of RAM
- 2TB of read cache
- 10GbE/25GbE/50GbE connections
- Rack mounted



### TOWER

#### PERFECT FOR

Growing video teams that need more storage or performance than a Jellyfish Mobile.

#### FEATURES

- Dual CPU
- 80TB - 240TB of raw storage
- Expand up to 1.2PB
- 4600MB/s aggregate read speed
- 256GB of RAM
- 2TB of read cache
- 1GbE/10GbE/25GbE/50GbE connections
- Whisper quiet

## JELLYFISH SOFTWARE ECOSYSTEM

JellyfishOS is the foundational layer that makes the most of our hardware. It's compatible with most of the innovative and user-friendly tools we built for your team's day-to-day workflow.

### Kyno for Jellyfish MEDIA MANAGEMENT

Kyno for Jellyfish uses rich and descriptive metadata in order to give your team the ability to find all the footage they need whenever they need it.



### Jellyfish Manager EASY SERVER ADMINISTRATION

Jellyfish Manager is the modern, beautiful & intuitive interface between you and your Jellyfish server. It gives post-production teams the tools they need to be self-reliant and frees up IT teams to stay focused on their own day-to-day tasks.



### Jellyfish Media Engine ACCELERATED PROXY WORKFLOW

Let Jellyfish Media Engine tackle the transcoding process for you by using the raw power of your Jellyfish instead of bogging down one of your client machines.



### Jellyfish Connect QUICK AUTOMATIC SETUP

Plug-and-play experience for macOS users. Jellyfish Connect automatically finds your connected Jellyfish server without the need to configure advanced network settings or figure out IP addresses.



### JELLYFISH REMOTE ACCESS *Real-time, collaborative video workflow from anywhere*

Jellyfish Remote Access allows your team to access all of your media and project files, download and upload content right from Finder, and collaborate in real-time on your video projects using proxy mode remotely off your server.

For more information on all our Jellyfish offerings, visit us at: [macsales.com/jellyfish](https://www.macsales.com/jellyfish)



# PLANET SIZED CAPACITY

## OWC JUPITER FAMILY

From Small Office shared storage to Petascale corporate backups, OWC's Jupiter Solutions provide easy configuration, incredible reliability, massively scalable capacity, and multiple interface storage options at a price that won't break your budget.

### OWC JUPITER CALLISTO

Up to 2750MB/s | Up to 144TB | Mac, Windows, Linux and other Unix-like systems

All Jupiter Callisto management units provide Intel Xeon scalable performance with up to 1TB of RAM (64GB or 128GB standard), 4 (1U), 8 (2U), or 16 (3U) disks delivering from 64TB to 288TB of raw capacity and up to 3.4GB/sec of disk I/O performance. Units come standard with two 10Gb network links that can be used to support separate subnets or aggregated to provide a higher level of performance in a single subnet. Additionally, 2U and 3U Callisto units may be outfitted with 4 additional 10Gb ports (6 in total) or even expanded to provide 25Gb, 40Gb, or 100Gb network links for even higher throughput demands.

- 1U, 4 disks, 32TB, 48TB, or 64TB capacities
- 2U, 8 disks, 64TB, 96TB, or 144TB capacities
- 3U, 16 disks, 128TB, 192TB, or 288TB capacities
- Protected: up to 5 Year OWC Limited Warranty

**CONTACT A SALES REP FOR A QUOTE TODAY!**  
**1-800-275-4576 OR 1-815-338-8685 / jupiter@macsales.com**  
[www.macsales.com/jupiter](http://www.macsales.com/jupiter)



### OWC JUPITER KORE

Up to 2750MB/s | Up to 144TB | Mac, Windows, Linux and other Unix-like systems

The Jupiter Kore line of storage expansion modules permit additional storage capacities ranging from 100's of Terabytes to 10's of Petabytes in a standard 42U rack unit. Available in 2U, 3U, and 4U chassis. It is possible to expand a single Callisto server with up to 5 additional expansion units. With raw capacity points ranging from 64TB (2U) to 1.6PB (4U), the Kore Storage Expander units provide the best levels of capacity, performance, and power requirements in easy to deploy configurations.

- 2U, 8 disks, 64TB, 96TB, or 144TB capacities
- 3U, 16 disks, 128TB, 192TB, or 288TB capacities
- 4U, 45 disks, 360TB, 540TB, or 810TB capacities
- 4U, 60 disks, 480TB, 720TB, or 1.08PB capacities
- 4U, 90 disks, 720TB, 1.08PB, or 1.62PB capacities
- Protected: up to 5 Year OWC Limited Warranty

**32TB from \$4,888.00**  
[www.macsales.com/jupiter](http://www.macsales.com/jupiter)

### OWC JUPITER BACKUP APPLIANCE

Up to 2750MB/s | Up to 144TB | Mac, Windows, Linux and other Unix-like systems

The Jupiter Backup Appliance provides an easy to install and configure backup appliance to support up to 250 client systems per system. Using the ultra-reliable ArGest® Server solution, the Jupiter Backup Appliance supports Mac, Windows, Linux, and most other Unix and Unix-like platforms to provide secure, fast, and reliable backup and archival operations using the venerable BRU backup format.

- 1U, 4 disks, 32TB, 48TB, or 64TB capacities, ArGest Server 10 Client License
- 2U, 8 disks, 64TB, 96TB, or 144TB capacities, ArGest Server 25 Client License
- 3U, 16 disks, 128TB, 192TB, or 288TB capacities, ArGest Server 50 Client License
- Protected: up to 5 Year OWC Limited Warranty

**32TB and 10 Clients from \$9,499.00**  
[www.macsales.com/jupiter](http://www.macsales.com/jupiter)

The Jupiter Tape Automation solutions will provide additional backup and archival options providing LTO-based units ranging from 24 tapes to expandable solutions ranging from 80 to 540 tapes in a single assembly. Easily partnered with the Jupiter Backup Appliance or your existing SAS or Fibre Channel-based storage environment, The Jupiter Tape Automation systems are fully compatible with OWC's ArGest Server software solution as well as many other third party backup solutions.

**OWC Jupiter Family**  
[www.macsales.com/jupiter](http://www.macsales.com/jupiter)

**OWC ArGest Server backup and archival solution**  
[www.argestsoftware.com/server](http://www.argestsoftware.com/server)





WORK  
BETTER.



WORK  
TOGETHER.

THINGS WORK BETTER WHEN THEY WORK TOGETHER.

Our software and hardware teams work together to produce powerful, efficient, and beautifully made technologies. Our hardware is built to be reliable to protect your precious data. OWC software solutions ensure you get the most from that hardware. Our backend tools optimize and stress test each solution, so you can enjoy total peace of mind that your new OWC solution is ready to perform seamlessly.

Our dedicated team works on every facet of our solutions, from top to bottom, inside and out. Our products are fine-tuned to work exactly as designed and address your needs with pin-point accuracy. It’s the OWC Difference.

NEW! SOFTRAIT  
Pro RAID 0/1/4/5/1+0 (10) | Lite RAID 0/1 | Mac & Windows

OWC’s SoftRAID is a powerful and intuitive software RAID utility for macOS and Windows that offers maximum volume capacity, optimum drive performance, data protection, or a combination of both. RAID storage is ideal for anyone who needs to quickly access and safely store massive amounts of data, including videographers, audio producers, photographers, database and media managers, archivers, and more. [Read more about RAID on pg. 13]

SoftRAID makes RAID storage more accessible and is designed to keep you working worry-free with protection and safety measures to secure your data. From disk certification, that makes sure new disks are error-free before use to disk validation that ensures all data is readable, SoftRAID keeps your data safe. SoftRAID also includes powerful real-time monitoring features that can warn you when a disk is about to fail.

All these advanced monitoring tools work in the background to ensure you’re constantly protected from a catastrophic, project-killing data loss. With breathtaking performance, multi-enclosure capability, advanced drive monitoring, and downloadable updates, OWC SoftRAID is data center level software for your desktop.

1. RAID 4/10 are Mac only at this time.  
2. SoftRAID for Mac can create one APFS volume per container. SoftRAID always creates unencrypted APFS volumes (encryption can be enabled in Disk Utility).



- Compatible: works with macOS 10.12 or later; Windows 10 or later
- Advanced flexibility: Pro RAID 0, 1, 4, 5 and 101; Lite RAID 0, 1
- APFS support: create APFS volumes in SoftRAID for Mac<sup>2</sup>
- Volume validation: ensures sectors can be read, parity is correct, and any potential volume failure is minimized
- Certified performance: drives are validated before use to ensure they are safe for data storage
- Vigilant protection: predictive warnings help protect against unexpected drive failure
- Cross-platform readiness: built-in MacDrive technology lets you read/write RAID 0/1/5 HFS+ arrays, and use them interchangeably with Windows and macOS computers
- Risk-free use: 14-day free trial of fully functional application



Easily Manage, Monitor and Protect Your Data

For over 25 years, SoftRAID has been the most fully featured, robust and powerful software RAID solution available for macOS. Now that “ability” is available for Windows users too! SoftRAID saves you time and money by making it easier to maintain mission-critical workflows. With SoftRAID, you’re no longer locked into an expensive hardware RAID technology that’s not upgradeable or expandable.

SoftRAID Pro

only \$249.99  
OWCSFR6P  
[www.macsales.com/softraid](http://www.macsales.com/softraid)

SoftRAID Lite

only \$49.99  
OWCSFR6L



## ARGEST SOFTWARE SOLUTIONS

From simple data ingest to large scale deep archiving, OWC ArGest® Software Solutions, powered by BRU, offer a complete toolset of cost-effective, easy-to-use function-specific tools that put you in control of your data's future without limits or exceptions.



Whether you're running a small business or are an M&E pro, whether you want to backup a single desktop machine to a single drive external storage solution or have a massive tape library with multiple tape drives, ArGest Backup has you covered. A drag and drop interface delivers unmatched ease of use while true cross platform restorability in all archive formats keeps data protected and future accessible.



To see how ArGest solutions can work for you, please visit [macsales.com/argest](http://macsales.com/argest)



Ingesting BRU, LTFS, and tar tapes as well as disk and camera card data onto your macOS system has never been easier! With automated format recognition, you can restore any content with a single click to your macOS Volume.



Puts you in control of all tape technologies and formats within macOS! Now you can transfer any TAR, CPIO, or PAX-formatted tape onto a Mac regardless of the platform (Linux, Solaris, etc.) used to write the tape. You also gain the ability to write TAR tapes on your Mac and restore TAR-based archives written in any closed or open source application.

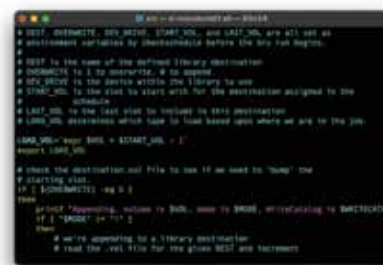


No matter what size your network, you can support it with easy to manage centralized, enterprise-grade tape, disk, or cloud data backup and recovery services with complete regulatory compliance. All major OS platforms - macOS, Windows, Linux, Unix - are GUI supported as well as your existing hardware or cloud storage services.



Give your command line the power of a high-performance BRU I/O engine. Script and control BRU backup and restore operations in your own app without a GUI overhead. BRU Core can be used to clone drive content, create a deep archive for offsite retention or perform daily backups of your corporate data infrastructure to a secure cloud environment. And with its fully cross-platform device compatibility, your archives will never be tied to a data set, specific OS version, or device.

**HIGH-PERFORMANCE  
RIGHT TO  
THE CORE**



## MACDRIVE

### Access Mac Disks on Windows

MacDrive lets you seamlessly access Mac-formatted disks, drives, SoftRAID sets, and AppleRAID sets on a Windows PC. Just connect your drive to a PC, and Windows uses the disk as if it were Windows formatted.

- Straightforward: access almost any direct attached internal or external Mac-formatted disk including hard drives, CDs, DVDs and more
- Pliant: supports read/write HFS+, read APFS
- Mighty: create and partition Mac disks direct from Windows
- Cutting-edge: repair errors on Mac disks — browse Time Machine back-ups and copy files and folders
- Compatible: works with Apple's Boot Camp and VMware and Parallels

### MacDrive Standard

**only \$49.99**  
MEDMD10STDDLSR

### MacDrive Pro

**only \$69.99**  
MEDMD10PRODDLRSR

Download instantly online! [www.macsales.com/macdrive](http://www.macsales.com/macdrive)



## DOCK EJECTOR

### Your Drives and Data, Safely Ejected in One Click

Connecting multiple devices to an OWC dock is an easy way to streamline your workflow and minimize desktop cable clutter. But with only one cable connecting your dock to your computer, it's easy to forget to properly eject storage devices which could cause lost or damaged files.

The OWC Dock Ejector is a FREE solution that protects your data. The app lets you safely disconnect all drives in a single click. It ensures all data has been written before any drive is unmounted. It will even warn you before you accidentally eject an in-use drive.

- Optimized for all OWC docks
- Available for Mac or Windows

**Free - Download Now**  
[www.macsales.com/dockejector](http://www.macsales.com/dockejector)



## COPY THAT

### Choose. Copy. Create.

Whether you're a hobbyist out in the field taking nature photos, an influencer shooting daily videos, or a parent capturing that precious family event, Copy That helps you free up internal storage space while protecting your valuable content.

The process is simple: Connect and copy from your iPhone, iPad or iCloud to an external drive. Select the photo or video you want to copy and how you want to copy it. Then just click the "Copy That" button and you're done.

**Free from the Apple App Store**  
[go.owc.com/copythat-mobile](http://go.owc.com/copythat-mobile)





**OWC GEMINI**  
Up to 773MB/s | Up to 36TB | Mac & Windows

Organize your digital life with the do-it-all OWC Gemini! Dual drives provide ample storage space. Ingest photos and footage via the card reader. Connect handy peripherals via Thunderbolt and USB ports and share files fast via Gigabit Ethernet.

- Flexible: (2) bays for 2.5-inch or 3.5-inch SATA drives
- Hardware RAID options: RAID 0 speed, RAID 1 redundancy, span capacity, JBOD/Independent
- Easy uploads: frontside SD 4.0 Card Reader
- Visual: dedicated DisplayPort 1.2 for additional up to 4K display
- Connected: (2) USB 3.1 Gen 1 ports
- Protected: up to 3 Year OWC Limited Warranty

**4.0TB–36TB from \$529.00 | Most Popular: 8.0TB \$659.00**  
[www.macsales.com/mepdock](http://www.macsales.com/mepdock)



**NEW! OWC MERCURY PRO U.2 DUAL**  
Up to 2447MB/s | Up to 64TB | Mac & Windows

The perfect combination of blazing-fast NVMe SSD performance and massive capacity in a compact design. It's ideal for routine backups to high-bandwidth pro creative uses.

- Flexible: two drive bays use 2.5-inch or 3.5-inch U.2 SSDs
- Massive capacity: up to eight NVMe M.2 SSDs with OWC U2 Shuttle adapters
- More options: multiple NVMe SSD and RAID choices
- SoftRAID: manages, monitors, and protects your data
- Protected: up to 3 Year OWC Limited Warranty

**2.0TB–64TB from \$549.00 | Most Popular: 4.0TB \$679.00**  
[www.macsales.com/mercuryprou2](http://www.macsales.com/mercuryprou2)



**OWC MERCURY ELITE PRO DUAL *WITH 3-PORT HUB***  
Up to 1026MB/s | Up to 36TB | Mac, Windows, Linux, Chrome OS, & iPadOS

The digital desktop centerpiece for home offices, small businesses, and creative pros with awesome storage capacity plus built-in hub for accessory connectivity and device charging.

- Universally compatible: works with any USB-equipped computer, tablet, gaming console – anything that supports external storage
- Connect and charge: three USB ports for audio/video mixers, cameras, card readers, tablets, keyboards, mice
- Hardware RAID options: RAID 0 speed, RAID 1 redundancy, span capacity, JBOD/Independent
- Plug and play: no drivers needed and includes USB connecting cables
- Protected: up to 3 Year OWC Limited Warranty

**1.0TB–36TB from \$319.00 | Most Popular: 8.0TB \$499.00**  
[www.macsales.com/mepdual3port](http://www.macsales.com/mepdual3port)



# THE TRUSTED NAME IN MAC STORAGE FOR 20+ YEARS



**OWC MERCURY FAMILY**

The OWC Mercury is where we began our rich, storied history of storage solution innovations nearly 20 years ago. It's hugely popular with creative pros, small office/home office users, and families with ever-growing storage capacity needs. An incomparable blend of performance, quality, variety, and value.



**NEW! OWC MERCURY ELITE PRO MINI**  
Up to 542MB/s | Up to 4.0TB | Mac, Windows, Linux, Chrome OS, & iPadOS

The Mercury Elite Pro mini enables creative pros, small office/home office users, students, and families to save, access, backup, and edit files with the universal connectivity of a USB-C 10Gb/s interface. It connects with Plug and Play ease to past, present, and future Macs and PCs as well as iOS, Android, and Chrome OS devices.

- Universally compatible: plug and play with past, present, and future Macs, PCs, iPad Pros, Chromebooks, and Android tablets
- Game on: ideal for game storage with Playstation and Xbox consoles
- Portable: bus-powered and rugged to go from desktop to mountain top
- Connected: connect universally to any USB or Thunderbolt computer or device with the included USB-C cable and USB-A adapter
- Protected: up to 3 Year OWC Limited Warranty

**480GB–4.0TB from \$94.00**  
[www.macsales.com/mepminiusb](http://www.macsales.com/mepminiusb)



# A PORTABLE POWERHOUSE



**OWC MERCURY ELITE PRO MINI (USB-C + eSATA)**  
Up to 540MB/s | Up to 4.0TB | Mac, Windows, Chrome OS, & iPadOS

The perfect data transfer and storage powerhouse for client meetings, studio sessions, and organizing your personal media.

- Versatile: choose from 2.5-inch HDD or SSD models
- Mobile: bus powered and compact
- Compatible: USB 3.1 Gen 2 and eSATA
- Protected: up to 3 Year OWC Limited Warranty

**480GB–4.0TB from \$99.00 | Most Popular: 4.0TB \$179.00**  
[www.macsales.com/mepmini](http://www.macsales.com/mepmini)



## Practical and easy

"Perfect for my application when transferring big video files to another Mac."



# THE PERFECT DUAL DRIVE PORTABLE FOR ON-THE-GO PROS

**OWC MERCURY ELITE PRO DUAL MINI WITH USB-C**  
Up to 989MB/s | Up to 8.0TB | Mac, Windows, & Chrome OS

This lightweight RAID solution covers your media storage and backup needs, and you don't have to carry an AC adapter.

- Powerful: (2) universal drive bays for 2.5-inch HDDs or SSDs
- Hardware RAID options: choose RAID 0 or 1, span, or Independent
- Mobile: bus powered and compact
- Protected: up to 3 Year OWC Limited Warranty

**480GB–8.0TB from \$229.00 | Most Popular: 1.0TB \$299.00**  
[www.macsales.com/mepdualmini](http://www.macsales.com/mepdualmini)



## RAID Done Right (USB-C)

"Another well designed product from OWC. Returned two tries with a LaCie Rugged RAID 4TB, which is TB2. This USB-C product from OWC just works..."



# ESSENTIAL STORAGE FOR EVERYONE

**OWC MERCURY ELITE PRO**  
Up to 283MB/s | Up to 18TB | Mac, Windows, & Chrome OS

Handy and easy-to-use storage for everything from photos and music, to presentations and record-keeping. You can even store your favorite movies and games!

- Robust: Apple Time Machine and Windows File History ready
- Unassuming: fanless for quiet operation
- Flexible: use with Mac, Windows, Linux, PlayStation and Xbox consoles, and Smart TVs
- Protected: up to 3 Year OWC Limited Warranty

**1.0TB-18TB from \$139.00 | Most Popular: 1.0TB \$139.00**  
[www.macsales.com/mep](http://www.macsales.com/mep)

**OWC MERCURY ELITE PRO DUAL**  
Up to 474MB/s | Up to 36TB | Mac, Windows, & Chrome OS

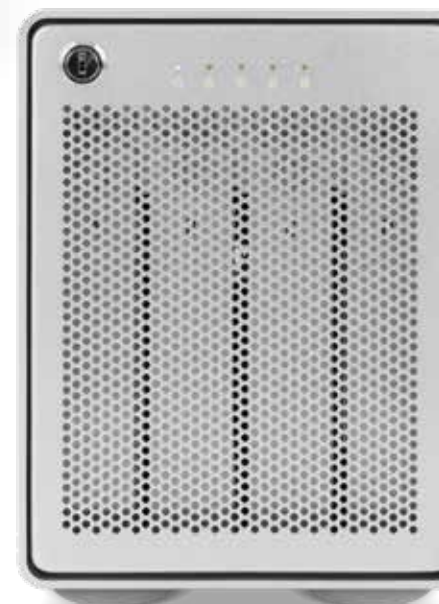
Dual bay hardware RAID that seamlessly integrates with large-scale production studios, your home office computer, and everything in between.

- Powerful: (2) universal 3.5-inch drive bays
- Hardware RAID options: RAID 0, RAID 1, span, Independent
- Intelligent: powers down drives when inactive to conserve energy and reduce wear
- Protected: up to 3 Year OWC Limited Warranty

**2.0TB - 36TB from \$378.75 | Most Popular: 2.0TB \$378.75**  
[www.macsales.com/mepdual](http://www.macsales.com/mepdual)



Thunderbolt 2 + USB 3, USB 3 + eSATA, or USB 3 + FireWire models available



**OWC MERCURY ELITE PRO QUAD**  
Up to 947MB/s | Up to 72TB | Mac, Windows, & Chrome OS

All the great features of our ThunderBay line, advanced softRAID capabilities, PLUS universal USB connectivity so you can connect to virtually any Mac or PC!

- Flexible: (4) universal 2.5-inch or 3.5-inch drive bays
- Connected: works with all USB systems and Thunderbolt 3 compatible
- Prepped: plug and play RAID Ready
- Powered by SoftRAID: robust software for creating, monitoring, and managing advanced RAID sets
- Protected: up to 3 Year OWC Limited Warranty

**4.0TB to 72TB from \$659.00**  
**Most Popular: 24TB \$1,229.00**  
[www.macsales.com/mepquad](http://www.macsales.com/mepquad)



## So far, loving it

"...I've got video out the whazoo (technical term) over here, that I need to back up over there...this is working to do that. And doing it quickly and without a lot of hoohaa (marketing term)."



**OWC EXPRESS**

Up to 155MB/s | Up to 2.0TB | Mac, Windows, &amp; Chrome OS

The 2 oz, pocket-sized enclosure that offers bus-powered personal storage performance in an ultra-portable design.

- Stylish: available in black or silver
- Mobile: pocket-sized and ultra-lightweight
- Convenient: bus powered
- Protected: up to 2 Year OWC Limited Warranty

**1.0TB to 2.0TB from \$59.88 | Most Popular: 1.0TB \$59.88**[www.macsales.com/express](http://www.macsales.com/express)**OWC MERCURY ON-THE-GO PRO**

Up to 500MB/s | Up to 4.0TB | Mac, Windows, &amp; Chrome OS

Show off your storage style with a unique transparent design. This fanless acrylic enclosure protectively cradles a 2.5-inch SATA HDD or SSD and offers FireWire and/or USB connectivity.

- Convenient: bus powered, no adapter required
- Mobile: lightweight, ultra-portable and impact-resistant
- Options: USB 3 or USB 3 + FireWire models available
- Protected: up to 3 Year OWC Limited Warranty

**120GB–4.0TB from \$64.99 | Most Popular: 2.0TB \$99.88**[www.macsales.com/otg](http://www.macsales.com/otg)

*"Performed very well ... topped the chart among pocket-size portable external hard drives."* — CNET

**Compact & Fast**

"Connection to our 2010 MacBook Pro was seamless, and the backup speed is outstanding. Truly plug and play. THANK YOU, OWC!"

# TRANSPORT YOUR DATA AROUND THE UNIVERSE

**OWC DRIVE DOCK**

Up to 981MB/s | Dual drive bays | Mac, Windows, &amp; Chrome OS

The ultimate high-performance bare drive access tool. A compact, easy solution for creative workflows, backups, or other tasks that require constant access to multiple drives.

- Compatible: accommodates both 2.5-inch and 3.5-inch drives
- Simple: hot-swap, read multiple drives at once, or boot from bare drives
- Flexible: USB 3.2 Gen 2 works with both USB-C and Thunderbolt 3 ports
- Protected: up to 2 Year OWC Limited Warranty

**only \$99.00**[www.macsales.com/drivedock](http://www.macsales.com/drivedock)**NEWERTECH VOYAGER S3**

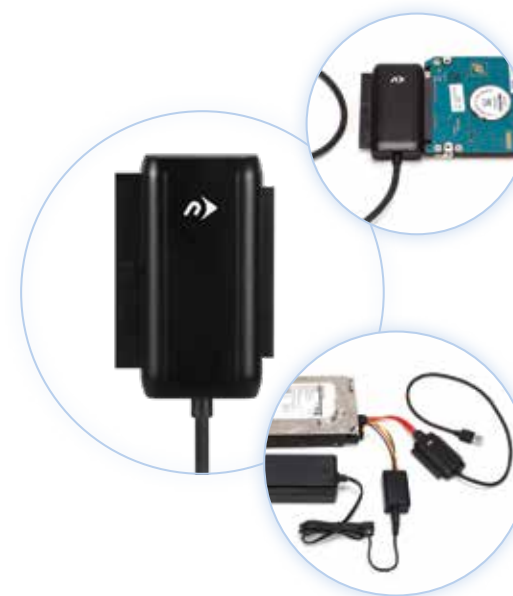
Up to 500MB/s | Single drive bay | Mac, Windows, &amp; Chrome OS

Swap drives at will and safely eject them at the touch of a button.

- Compatible: use with 2.5-inch and 3.5-inch drives
- Durable: SATA connectors built for long-term, repetitive use
- Streamlined: connect via USB (3.0/2.0) to your Mac or PC
- Protected: up to 2 year NewerTech Limited Warranty

**Voyager only \$34.75****1.0TB to 6.0TB HDD and Voyager bundles from \$78.99**[www.macsales.com/voyager](http://www.macsales.com/voyager)

*"It's a boon for those moving on from older machines but want to keep a SATA drive or two active."* — John Martellaro, The Mac Observer

**NEWERTECH UNIVERSAL DRIVE ADAPTER**

Connects to your computer via USB 3.1 Gen 1

The perfect tool to access bare drives via USB - without opening a computer or drive enclosure. Compatible with nearly any 2.5, 3.5, or 5.25-inch drive. It's the go-to access tool for working with bare IDE, ATAPI, and SATA drives.

- Connect: use ANY 2.5/3.5/5.25-inch drive
- All-Purpose: transfer files and access data
- Transform: turn swapped-out drives into external drives
- Expansive: supports hard drives up to 16TB
- Protected: 1 Year NewerTech Limited Warranty

**only \$27.50**[www.macsales.com/uda](http://www.macsales.com/uda)



# ALL THE THUNDERBOLT YOU'VE ALWAYS WANTED

## OWC DOCK AND HUB FAMILY

Expand your Thunderbolt connectivity adding more full speed, fully functional Thunderbolt ports to your computer — connect to past, present and future Thunderbolt and USB devices.



### OWC THUNDERBOLT DOCK

11 Ports | Up to 90W Charging Power | Mac, Windows, Chrome OS and iPadOS

Four Thunderbolt + four USB ports, Ethernet, audio, and card reader to massively expand your Thunderbolt Mac or any Thunderbolt 4 PC.

- More flexibility: add a mix of up to seven Thunderbolt/USB-C and USB devices
- More reliable sharing and streaming: gigabit Ethernet eliminates low quality patchy Wi-Fi, and is ideal for IP-based workflows and secured networks
- More content: ingest photos and movies at speeds up to 312MB/s via the SD card reader
- More audio: plug headphones and mics into the audio in/out jack
- Thunderbolt certified: works with Apple M1 Macs, Apple “Intel” Macs with Thunderbolt 3, and Thunderbolt 4 PCs
- USB-C compatible: can also function as a USB-C dock with iPads, Android devices, Chromebooks, and PCs with USB-C ports

only \$279.00  
[www.macsales.com/thunderboltdock](http://www.macsales.com/thunderboltdock)



## ONE HUB TO CONNECT THEM ALL



### OWC THUNDERBOLT HUB

5 ports | Up to 60W Dynamic Charging Power | Mac, Windows, Chrome OS and iPadOS

Add more universal Thunderbolt (USB-C) ports and one USB port to greatly expand the connection possibilities of your computer.

- Plug it all in: your devices work the same like they would directly connected to machine
- Add more devices: connect more storage, two 4K displays or one 5K/6K/8K display, and accessories
- Dynamic charging: keeps the power flowing through real-world uses
- Thunderbolt certified: works with Apple M1 Macs, Apple “Intel” Macs with Thunderbolt 3, and Thunderbolt 4 PCs
- USB-C compatible: can also function as a USB-C hub with iPads, Android devices, Chromebooks, and PCs with USB-C ports

only \$179.00  
[www.macsales.com/thunderbolthub](http://www.macsales.com/thunderbolthub)



**Great piece of hardware.**  
“Works perfectly, plug and play, had zero issues. Glad they created this product.”



**Perfect for iPad and MacBook alike**  
“I needed a way to add USB-C ports for video editing files on both a MacBook Pro and iPad Pro - this is it!!!! Delivers power to the device I’m using and adds 3 USB-C and one A port!”





## OWC THUNDERBOLT 3 DOCK

14 Ports | 85W Charging Power | Mac & Windows

Enjoy an unprecedented combination of ports, convenience, and power through a single cable to your Mac or Windows PC. Now you can quickly access displays, drives, and peripherals while keeping your desktop tidy.

- Visual: up to two 4K displays or one 5K display
- Versatile: daisy-chain up to 5 additional Thunderbolt devices
- Connected: 1Gb Ethernet for sharing and streaming
- Compact: easy to transport with a small desktop footprint
- Protected: 2 Year OWC Limited Warranty

only \$299.00  
[www.macsales.com/tb3dock](http://www.macsales.com/tb3dock)



## OWC THUNDERBOLT 3 MINI DOCK

5 Ports | Bus-Powered | Mac & Windows

The ultimate all-in-one portable dock for port limited computers. Smartphone sized with no AC adapter needed. It adds displays, USB storage and desktop devices, and Ethernet networking to your workflow via one integrated cable.

- Expanded visuals: two HDMI 2.0 ports for up to two 4K displays
- Faster internet access: Gigabit Ethernet for better streaming, sharing, surfing
- Keeps more devices connected: one USB 3.0 & one USB 2.0 port for a drive, card reader, mouse, and device charging
- Mobile and desktop use: compact, lightweight, and no AC adapter needed
- Protected: 2 Year OWC Limited Warranty

only \$149.00  
[www.macsales.com/tb3minidock](http://www.macsales.com/tb3minidock)



## OWC THUNDERBOLT 3 PRO DOCK

10 Ports | 10Gb Ethernet | Mac & Windows

Easily handle shared 4K/8K RAW content workflow settings with 10Gb/s Ethernet, CFast and SD card readers! Add RAID storage, additional displays, or an eGPU via Thunderbolt and your favorite peripherals with three USB ports.

- Visual: Connect two 4K displays or one 5K display
- Connect quickly: 10Gb Ethernet for the fastest transfers
- Convenient: features SD 4.0 card reader and CFast 2.0 card reader
- Compact: easy to transport with a small desktop footprint
- Protected: 2 Year OWC Limited Warranty

only \$349.00  
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## OWC USB-C TRAVEL DOCKS

Up to 100W Pass-Through Power | Mac, Windows, Chrome OS, & iPadOS

Display, charge, connect, and import files while on the move. Palm-sized and lightweight, you can slip this handy dock into your bag and keep your space tidy with built-in cable storage.

- Versatile: HDMI port for easy display connections up to 4K@60Hz
- Powerful option: Bus powered, or use existing USB-C power adapter to provide up to 100W pass-through charging power to a notebook or other device
- Portable: pocket-sized and built to work from everywhere
- Protected: 2 Year OWC Limited Warranty

### Travel Dock

only \$54.99  
[www.macsales.com/traveldock](http://www.macsales.com/traveldock)

### Travel Dock E With Ethernet port.

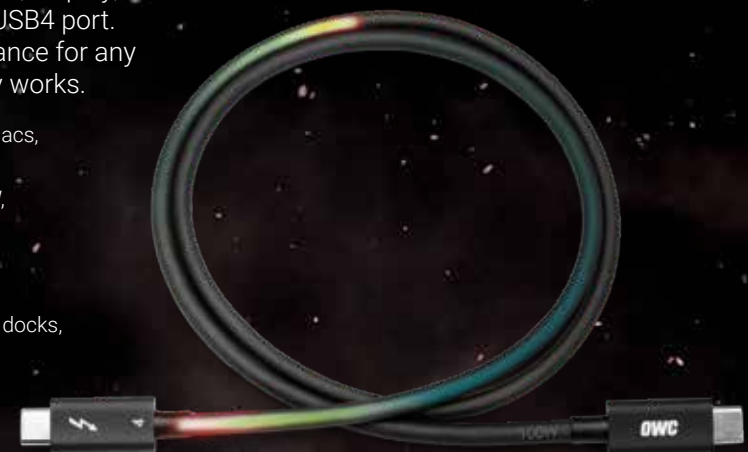
only \$64.99  
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## NEW! OWC THUNDERBOLT 4/USB-C CABLES

The OWC Thunderbolt 4/USB-C Cable is a plug and play safe solution for connecting any Mac, PC, iPad, Chromebook, or Surface tablet with a Thunderbolt 3, Thunderbolt 4, USB-C, or USB4 port to any device, display, or power supply with a Thunderbolt 3, Thunderbolt 4, USB-C, or USB4 port. With lab test certified 100% universal compatibility and performance for any Type-C connection, you'll always have the right cable that simply works.

- 100% USB-C compatible: connect to today's, tomorrow's, and yesterday's Macs, PCs, iPads, Chromebooks, Surface and other devices
- Certified for all uses: enjoy lab test certified safe power delivery up to 100W, up to 40Gb/s of data performance, and up to 8K of video capability
- Versatile: connect to millions of docks, displays, eGPUs, PCIe expansion, external SSDs, RAID storage, and other accessories
- Powerful: certified safe delivery of up to 100 watts of power/charging from docks, adapters, and other devices
- Stunning visuals: connect to the latest and future Thunderbolt and USB-C displays for incredible 4K, 5K, 6K, and even up to 8K HDR resolution
- Guaranteed quality: 3 Year OWC Limited Warranty

0.7M, 1.0M, and 2.0M from \$19.99  
[www.macsales.com/tb4cable](http://www.macsales.com/tb4cable)



## NEW! OWC THUNDERBOLT DUAL DISPLAYPORT ADAPTER

Watch videos, play games, create crisp digital signage walls, and enjoy multitasking freedom on up to two 8K displays. Compact and bus-powered, this handy adapter makes you always ready for an office or classroom presentation, or use with an iPad to enjoy video content on a bigger screen.

- High speed: HBR3 for higher refresh rates and up to 8K UHD resolution
- Full display potential: DSC (Display Stream Compression) compatible for even higher refresh rates and up to dual 8K displays
- Stunning visuals: HDR for sharper images, brighter colors, and greater contrast
- Hear more: supports multichannel high-definition digital audio formats
- Mobile ready: bus-powered and compact for use anywhere
- Protected: 1 Year OWC Limited Warranty

only \$78.00  
[www.macsales.com/tbdualdisplayport](http://www.macsales.com/tbdualdisplayport)

## OWC THUNDERBOLT 10G ETHERNET ADAPTER

Add warp speed file transfers with the highest data integrity to your workflow with this bus powered portable Ethernet supercharger. Synchronize multiple audio and video streams in real-time with AVB readiness.

- Blazing-fast: 10x faster than Gigabit Ethernet
- Compatible: works with Thunderbolt 3 Macs and Thunderbolt 3 or 4 Windows PCs
- Bus powered: energy efficient and no AC adapter needed
- Secure and stable: offers more reliable connection and data security than WiFi
- Protected: 1 Year OWC Limited Warranty
- Silently cool: ventilated aluminum housing dissipates heat

only \$169.00  
[www.macsales.com/10gethernet](http://www.macsales.com/10gethernet)





# OWC SPOTLIGHT: EDUCATION

## CHICAGO SUMMER STORIES

Hollywood actor Vince Vaughn credits his early success to a course he enrolled in at Lake Forest High in Lake Forest, Illinois. "This was the class where I was hands-on a lot. Such a light bulb moment for me," said Vaughn.

The class of '89 alumni reached out to the current faculty, headed up by Steve Douglass, to collaborate in teaching the next generation of filmmakers. Douglass is the co-founder of Chicago Summer Stories, an annual program that brings together teen-aged creators from across the Greater Chicago Area in an intensive filmmaking boot camp.

As the program started, Vaughn initially found himself attending workshops. But once the camp got up and running, he found himself running the classroom as well. "You might end up discovering talent and helping talent, they're going to have a really big head start at getting the confidence to play around with these ideas and these tools."

OWC participated in Summer Stories by providing each student with a Thunderbolt dock, mobile storage, and access to a Jellyfish network-attached storage to assist with backups and video editing. "We are so proud to have them (OWC) on board again this year to provide the tools we need to get the job done," said Douglass.



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You can learn more about Chicago Summer Stories at [www.macsales.com/Diltz](http://www.macsales.com/Diltz)

## ORPHANED STARFISH FOUNDATION

Andy Stein had a successful career in investment banking, until the day that he met a group of underprivileged girls in South America and caught a glimpse of the change he could make in their lives. Andy went on to start the Orphaned Starfish Foundation. Today the foundation serves over 16,000 children in 29 countries with 75 computer centers. They primarily serve the most vulnerable in our society, which are orphans, victims of abuse, and survivors of human trafficking.

Stein's foundation works with orphanages and organizations that care for at-risk youth. They go in and build media centers complete with all the hardware, software, and writing needed. In giving these kids access to technology, Orphaned Starfish helps to get them onto a better career path, and away from the streets.

Last year, OWC partnered with OSF to create seven OWC Media centers in the US and internationally. There are now official OWC Media centers in Haiti, The Dominican Republic, Panama, Mexico, New Mexico, Minnesota, New York, and Kansas. Kids are being taught video literacy remotely with used Macs, hard drives, and iPhones donated by OWC. They are also getting their first experiences with visual storytelling, so they can actively document their lives and communities in unprecedented ways.



Many organizations impact the lives of underprivileged children around the world. But so many of those children find that the world has no place for them after they become adults. Through its partnership with companies like OWC, Orphaned Starfish Foundation gives at-risk children a new blueprint for life, so they have the capacity to dream.

You can learn more about the Orphaned Starfish Foundation at [www.macsales.com/OSF](http://www.macsales.com/OSF)

# OWC SPOTLIGHT: FILM

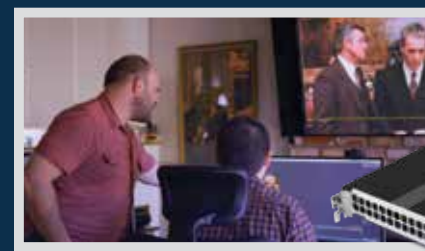
## AMERICAN ZOETROPE

The Godfather trilogy is a touchstone in American film history. Francis Ford Coppola created the filmmaking company American Zoetrope to help the next generation create relationships with older films and retell history for those who remember it. The team at American Zoetrope recently faced the challenge of restoring the Godfather Part III in one year instead of two to meet studio deadlines during the COVID-19 pandemic.

James Mockoski is film archivist and restoration supervisor at American Zoetrope. When his team was tasked with restoring, remastering, and bringing new life to the Godfather Part III, they turned to OWC Accelsior 4M2 to get the project done in time. OWC Accelsior 4M2 is the fastest SSD OWC has ever built. During Godfather III restoration, it helped the team:

- Review the project in native 4K resolution
- Create crisp playback
- Not have to build time-consuming proxies
- See every pixel in its native resolution to create a better product
- Work from home during COVID without sacrificing quality

Learn for yourself why James Mockoski said, "OWC allowed us to meet the deadline that was set forth and I can't imagine doing it without the Accelsior."



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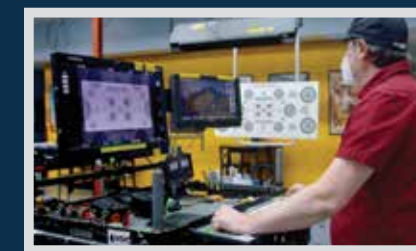
You can learn more about American Zoetrope at [www.macsales.com/AZ](http://www.macsales.com/AZ)

## DANE BREHM

Digital Imaging Technicians (DITs) are the ultimate facilitators. They need to optimize all of the solutions on a set, from cameras to lighting, from sound to streaming elements that get the job done. When you're offloading multiple cards of Arri RAW, REDCODE RAW or Sony Venice footage, storage speed makes all the difference. How does Dane Brehm, Production Technologist for Cintel, build a reputation for consistency in his field?

Technology makes all of the difference. Dane depends on OWC solutions, such as the OWC ThunderBay Flex 8 and Helios 3S, to make every shoot a success. It allows him to upload footage to the cloud, or stream data directly to the post team across the globe. With faster footage offloads, Dane and his team never lose their hard-earned work.

Whether DITs are working remotely or in the studio, OWC solutions give them the speed necessary to handle massive production workflows, without interruption. That's why professionals like Dane continually turn to OWC over the competition. Mission critical production environments are OWC's specialty, which is why OWC build products that actually work... 100% of the time. We're now more



interconnected than we've ever been. OWC solutions can help keep your data safe while providing lightning fast transfers.

You can learn more about Dane Brehm at [www.macsales.com/DIT](http://www.macsales.com/DIT)



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# YOUR NEXT MAC IS WAITING

We have new, refurbished, and even well-loved Macs that are hard to pass up. Choose from portable MacBook Pros, to desktop icons like the iMac and Mac mini, to the powerhouses like the iMac Pro and Mac Pro. Want some extra power or need a little extra? OWC's custom configurator makes it quick and easy to make the perfect Mac for you.



**MAC PRO 2013-2019 MODEL**  
Any iteration of Mac Pro is a highly productive workhorse, and when purchased through MacSales.com, you can count on all the horsepower at a fraction of the price of buying new. This 2013 to 2019 Mac Pro offers the ultimate in expansion ease and upgradability. Dramatic savings on this Mac Pro powerhouse!

- Memory up to 128GB
- Storage up to 2.0TB SSD
- Up to 2.7GHz 12-Core Intel Xeon E5-2697v2 Processor
- Up to D700, not D500
- 6 x Thunderbolt 2 Ports
- Built-in 802.11a/b/g/n/ac Wi-Fi
- Built-in 10/100/1000BASE-T Gigabit Ethernet

[www.macsales.com/makemymac](http://www.macsales.com/makemymac)



**MAC MINI 2018 MODEL**  
The Mac mini packs a powerful computing punch into a small space. When you purchase one through MacSales, rest assured you are getting all that power at huge savings versus buying new.

- Memory up to 64GB
- Storage up to 250GB SSD
- Up to 3.6 GHz Quad-Core i3 processor
- Intel UHD Graphics 630
- 4 x Thunderbolt 3 Ports
- Built-in 802.11a/b/g/n/ac Wi-Fi
- Built-in 10/100/1000BASE-T Gigabit Ethernet



MACBOOK PRO  
WITH TOUCH BAR



MACBOOK PRO  
WITH RETINA DISPLAY



MACBOOK PRO



MACBOOK AIR

# POPULAR PRO MACHINES

Popular cost-saving performance powerhouses that sell fast! Get a well-equipped Pro machine and save big vs. a new Mac.



MAC PRO TOWER  
2009-2012 models



IMAC PRO 5K  
Pro-level workstation



IMAC  
Up to 27-inch Retina 5K!

### WHY OWC?

- No risk: 14-day 100% Money-Back Guarantee
- No surprises: detailed photos and description of machine condition
- Confidence: warrantied and backed by OWC's expert support team
- Reliable: fully inspected and certified for peak performance.
- Boot ready: macOS, OS X or iOS installed
- Factory warranty: Apple 1 Year Limited Warranty on new open box and eligible for AppleCare+ plan
- Available: we have hard to find popular models
- FREE shipping within the contiguous 48 states

### MAKE YOUR NEW MAC BETTER

Once you pick one of our money saving Macs, make it better with our easy upgrade configurator.

**MORE MEMORY?  
FASTER DRIVE?  
MORE STORAGE?**

**MORE PROTECTION?  
FASTER PROCESSOR?  
HIGHER PERFORMANCE GPU?**

Just one click and your wish list is added to the cart. We will custom build your new Mac and ship it in 24 business hours or less!

## NEW! ADD UP TO 2 YEARS OF PEACE OF MIND PROTECTION FOR YOUR MAC

With 32 years of service and support, millions of computer users have come to trust OWC's award-winning support team to get them through any issue. That dedication and love for the computing community is why OWC Eclipse Extended Service Protection is the standard to ensure your Mac is covered above and beyond the initial warranty.



YOU'RE COVERED



HASSLE-FREE CLAIMS

\$0

NO DEDUCTIBLES



TRANSFERABLE

Check out all the details at: [www.macsales.com/eclipse](http://www.macsales.com/eclipse)



**Parallels™** GET PARALLELS DESKTOP PRO EDITION (\$99.99 VALUE) ONLY \$19.00 with ANY new, refurbished, or used Mac purchase!

Ideal for developers, web and graphic designers, and anyone needing to test apps across OS platforms without rebooting. Unlike Standard Edition, Pro uses all the cores, memory, and GPU performance your Mac offers. No limits, no throttling! Save when purchased with OWC memory and SSDs!

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# A GALAXY OF POSSIBILITIES AWAITS



**OWC U.2 WORKFLOW SOLUTION**  
4, 8, 32TB from \$1049.00

## OWC MERCURY HELIOS 3S

Up to 40Gb/s | PCIe Expansion | Mac & Windows

Give your slotless Mac, Windows PC notebook, or desktop machine the gift of PCIe card use. You can also add video production, audio processing, data storage, networking, and other pro-level capabilities to your workflow via Thunderbolt 3.

- Lightning-fast: 40Gb/s transfer speeds (2) Thunderbolt 3 ports
- See more: dedicated DisplayPort for adding a high resolution display
- Charge while working: 85W of notebook charging
- Play your card: uses half-length, full-height, single or double-width cards
- Easy card installs: no tools required
- Secure workflow: locking 12V power connector
- Protected: 3 Year OWC Limited Warranty

**only \$219.00**

[www.macsales.com/helios3s](http://www.macsales.com/helios3s)



## OWC U.2 NVME INTERCHANGE SYSTEM

Turns Mercury Helios 3S into a Swappable U.2 NVMe SSD Storage

Revolutionize your data storage. A locking drive bay and protective carrier tray offer the ideal combination of security with easy access, swaps, and transport of U.2 NVMe SSDs up to 16TB. Speeds over 6x faster than SATA drives. Ideal for both production and post-production operations!

- Full speed ahead: up to 2,631MB/s real-world tested performance
- Durable solution: protects U.2 connector for improved drive longevity and investment
- Use anywhere: enables U.2 NVMe drive use in the studio or out in the field
- Designed for global workflows: dramatically lowers production to lab shipping costs

**only \$69.75 / Need Additional Trays? only \$39.99**

[www.macsales.com/u2](http://www.macsales.com/u2)



## TURN MERCURY HELIOS 3S INTO A BLAZING FAST EXTERNAL SSD!

With the Accelsior PCIe SSD family, you can choose "add your own" single NVMe SSD PCIe cards all the way to eight blade configured solutions that deliver up to 26,926MB/s real-world speed. p. 43

# TURN YOUR COMPUTER INTO A GRAPHICS POWERHOUSE



BREAK FREE OF FACTORY INTERNAL GPU LIMITS!

UP TO **6.4x**

**HIGHER FPS**  
Jump from 10.1 FPS to 65 FPS and enable 1080p gaming

UP TO **20x**

**FASTER EFFECTS & RENDERS**  
Save time and money with accelerated effects, renders, and computations in pro apps and games

## AKITIO NODE TITAN

Up to 40Gb/s | Mobile eGPU | Mac & Windows

Transform your notebook or slotless computer into a high-performance gaming, video editing, and graphics workstation. All for a fraction of the cost of buying or building a new machine! This external graphics processing unit connects to a Thunderbolt 3-equipped computer, offering the power and space needed for today's most popular double-wide full-length/full-height AMD and NVIDIA graphics cards.

- Charge while working: 85W of notebook charging
- Spacious design: enables use of large double-width graphics cards
- On-the-go graphics: retractable carrying handle for easy transport
- Toolless access: thumb screws for easy card installation
- Protected: 3 Year OWC Limited Warranty

**only \$329.75**

[www.macsales.com/akitiotitan](http://www.macsales.com/akitiotitan)

## IDEAL FOR STORAGE TOO!

Use either the half-length Accelsior 4M2 or full length Accelsior 8M2 PCIe SSD for jaw dropping fast performance and storage.







### NEW! OWC U2 SHUTTLEONE

Up to 8000MB/s | Up to 8.0TB | Mac & Windows

The OWC U2 ShuttleOne is a heat-dissipating full metal housing adapter that converts an NVMe M.2 SSD into a swappable 2.5-inch U.2 SSD.

- Flexible: easily install an NVMe M.2 SSD in minutes
- Swappable: protects your SSD connector from wear
- Unlimited: supports the highest speed your SSD can deliver
- Beyond fast: fully PCIe Gen 1-4 certified for today's and tomorrow's SSDs up to 8,000MB/s
- Broad compatibility: use in 2.5-inch U.2 bays and in OWC ThunderBay Flex 8, Mercury Pro U.2 Dual, and Mercury Helios 3S with U.2 NVMe Interchange System
- Optimum cooling: full metal housing keeps drive running cool and throttle-free

from \$44.99

[www.macsales.com/u2shuttleone](http://www.macsales.com/u2shuttleone)

## IDEAL FOR MEDIA PRODUCTION WORKFLOWS!



### NEW! OWC U2 SHUTTLE

Up to 1556MB/s | Up to 32TB | Mac & Windows

World's first U.2 carrier shuttle for 3.5-inch drive bays that combines four NVMe M.2 SSDs into a swappable, high capacity, RAID-ready storage solution. Built for OWC storage and PCIe expansion solutions, this innovative carrier shuttle can also be used with U.2 connector equipped PCs and servers.

- Configurable: choose a solution or add your own NVMe SSDs
- RAID ready: RAID 0, 1, 4, 5, or 1+0 (10) for speed, protection, or the best of both attributes
- Compatible: use with OWC Helios 3S, ThunderBay Flex 8, Mercury Pro U.2 Dual, as well as in a computer with U.2 support and an available 3.5-inch drive bay
- Easy swaps: move between OWC U.2 devices, PCs, enclosures, and servers
- Ideal for media workflows: dramatically lowers production-to-lab shipping costs

from \$149.00

[www.macsales.com/u2shuttle](http://www.macsales.com/u2shuttle)



## KNOW WHAT U.2 IS? HINT: IT'S NOT A BAND, SPY PLANE, OR TEXT SLANG!

Solid State Drives (or SSDs) are fast, and they keep getting faster! For professionals who work with an immense amount of data, time is money, and having the fastest and largest SSD storage is key to getting things done. Enter NVMe U.2 SSDs to save the day.

## WHAT IS A U.2 SSD?

Today's SSDs are built to use the PCIe-based NVMe standard for communication, which was designed specifically for SSDs, instead of the older SATA standard designed initially for hard disk drives (also known as HDDs). This shift to NVMe has provided a tremendous boost in performance over SATA-based SSDs.

We've gone from transferring data at 600 megabytes per second to transferring multiple gigabytes per second!

Unlike HDDs that were typically either a 2.5-inch or 3.5-inch form-factor using a SATA or SAS connection, SSDs come in a much wider variety and can use many different connection types. NVMe SSDs are typically going to use either a blade-style M.2 connection/form-factor or a U.2 connection in a 2.5-inch or 3.5-inch form-factor.



## WHY CHOOSE U.2 DRIVES?

While NVMe U.2 and M.2 drives will perform very similarly, U.2 drives have the advantage of being available in larger capacities that are easier to handle, while being externally swappable in enclosures. These advantages make them ideal for IT and creative professionals where only the best will do.





# MAKE THE MOST OF YOUR AMAZING NEW MAC PRO

*"If you picked up a Mac Pro and were looking to upgrade, OWC has a ton of options, and more importantly, you're going to save a ton of cash as opposed going directly through Apple."*

— Jonathan Morrison

## OWC ROVER PRO Wheels Kit for 2019 Mac Pro

The patent-pending mobility solution that enables your 2019 Mac Pro to go "wheels on/wheels off" without tools in under two minutes.

- Highly positional: 360-degree articulating wheels
- Smooth and silent: non-marking soft rubber tread wheels with low friction bearings
- Elegant: highly polished stainless-steel housings match the Mac Pro
- Protective: vibration absorbing silicone rubber pad preserves factory feet finish
- Secure: wheel stops prevent unintended movement
- Quality: built to last and backed with a Lifetime Warranty

**only \$249.00**  
[www.macsales.com/roverpro](http://www.macsales.com/roverpro)



## OWC MEMORY Up to 1.5TB | Saving up to 69% vs factory options

With twelve available memory slots, you can transform your Mac Pro with up to 1.5TB of OWC Memory.

- Doubled: install in pairs for best performance
- Driven: high-performance multi-channel memory
- Protected: OWC Limited Lifetime Warranty

**from \$69.99**  
Visit [www.macsales.com/memory](http://www.macsales.com/memory) to find your perfect match!



## NEW! OWC ACCELSIOR 8M2

World's fastest and highest capacity PCIe SSD for 2019 Mac Pro, Windows or Linux computers with mind-blowing ultra-reliable speed up to 26,926MB/s.

- Revolutionary: the fastest drive available for 2019 Mac Pro
- Massive space: up to eight SSDs for jaw-dropping storage capacity
- Easy RAID: create, monitor, and manage RAID arrays with SoftRAID

**0GB-64TB from \$799.00**  
[www.macsales.com/accelsior8m2](http://www.macsales.com/accelsior8m2)

## NEWERTECH MAXPOWER

High-bandwidth USB ports for Mac Pro or Windows machines provide maximum data throughput up to 5Gb/s and up to 15W of total power.

- More options: add 4 USB ports to any Mac & PC with an open PCIe slot
- Powerful: each port delivers up to 10 watts
- Potent: use all your devices at max speed

**only \$29.99**  
[www.macsales.com/maxpower](http://www.macsales.com/maxpower)



## NEW! OWC ACCELSIOR 8M2 Up to 26,926MB/s | Up to 64TB | Mac & Windows

Accelsior 8M2 is the fastest, highest capacity PCIe SSD in the galaxy. It utilizes the full bandwidth of the latest PCIe technology to provide mind-blowing ultra-reliable speed up to 26,926MB/s and unparalleled storage space. Perfect for large format postproduction editing, real-time VR/AR/MR, geospatial and ISR imaging, and huge dataset applications. Up to eight SSDs let you choose multiple RAID levels and RAID sets for maximum flexibility. The Accelsior 8M2's highly efficient and quiet heat-dissipating design delivers consistent peak performance.

- Revolutionary: the fastest drive available for 2019 Mac Pro, Windows or Linux computers and PCIe expansion systems
- Mind-blowing, performance: up to 12,000MB/s real-world today and PCIe Gen 4 future ready for over 26,000MB/s speed
- Massive space: up to eight SSDs for jaw-dropping storage capacity
- Easy RAID: create, monitor, and manage RAID arrays with SoftRAID
- Advanced RAID capabilities: supports multiple RAID levels and RAID sets for maximum flexibility
- Quietly cool: highly efficient and quiet heat-dissipating design for consistent peak performance
- Pre-tested and certified: full burn-in for assured performance and reliability
- Protected: up to 5 Year OWC Limited Warranty<sup>2</sup>

**0GB-64TB from \$799.00**  
[www.macsales.com/accelsior8m2](http://www.macsales.com/accelsior8m2)



## OWC ACCELSIOR 4M2 Over 6000MB/s | Up to 32TB | Mac & Windows

Nearly a decade after our first SSD introduction, we continue to push the boundaries so you can work and play at your best. With over 6,000MB/s of real-world speed, you can breeze through data-intensive large-format video editing, greatly improve your VR/AR/MR experience, and play your best in extreme gaming.

- Bootable: start working in seconds
- Slot-powered: no extra power cables needed
- Deployment ready: pre-configured solutions undergo performance verification
- Highly versatile: installs into a full-height, half-length x8 or x16 PCIe 3.0 or 2.0 slot
- Plug and play: no drivers needed
- Easy RAID: advanced SoftRAID engine simplifies setup
- Protected: up to 5 Year OWC Limited Warranty

**0GB only \$379.00**  
**1.0TB-32TB from \$549.00 | Most Popular: 4.0TB \$1,149.00**  
[www.macsales.com/accelsior4m2](http://www.macsales.com/accelsior4m2)



# ASTONISHING, MIND-BLOWINGLY, HOLY S#!+ FAST



## OWC ACCELSIOR 1M2 Over 3400MB/s | Up to 4.0TB | Mac & Windows

The speed boosting, capacity expanding NVMe SSD solution for pro content creators, performance enthusiasts, and gamers. Test-certified for use with 2019 Mac Pro, 2010-2012 Mac Pro, and PC towers.

- OWC Aura SSD powered: advanced NVMe technology for bandwidth-heavy video, audio, photography, and design needs
- Store more: adds capacity for critical footage, images, files and games.
- Play better: experience immersive, stutter-free game play
- Cool: aluminum alloy heat sink for silent, throttle-free performance
- Protected: up to 5 Year OWC Limited Warranty

**0GB only \$29.00**  
**240GB-4.0TB from \$88.00 | Most Popular: 1.0TB \$199.00**  
[www.macsales.com/accelsior1m2](http://www.macsales.com/accelsior1m2)



# MMMMM1 GOODIES

Satisfy Your Speed + Connectivity Cravings

## OWC ENVOY PRO FX

Up to 2800MB/s | Up to 2.0TB | Mac, Windows, Linux, Chrome OS, & iPadOS

The OWC Envoy Pro FX is a universally compatible Thunderbolt and USB portable SSD. It's a top choice for external storage with speeds up to 2800MB/s, so you can transfer gigabytes of data anywhere in seconds. The OWC Envoy Pro FX is built like a tank, and certified with dustproof, drop-proof and waterproof.

- Flexible compatibility: Macs and PCs, plus iPad, Chromebook, and Surface devices
- Xtremely fast: supports Thunderbolt and USB interface up to 2800MB/s
- OWC Aura SSD powered: up to 6x faster performance vs. other portable SSDs

**240GB–2.0TB from \$219.00 | Most Popular: 2.0B \$549.00**

[www.macsales.com/envoyprofx](http://www.macsales.com/envoyprofx)



## OWC THUNDERBOLT HUB

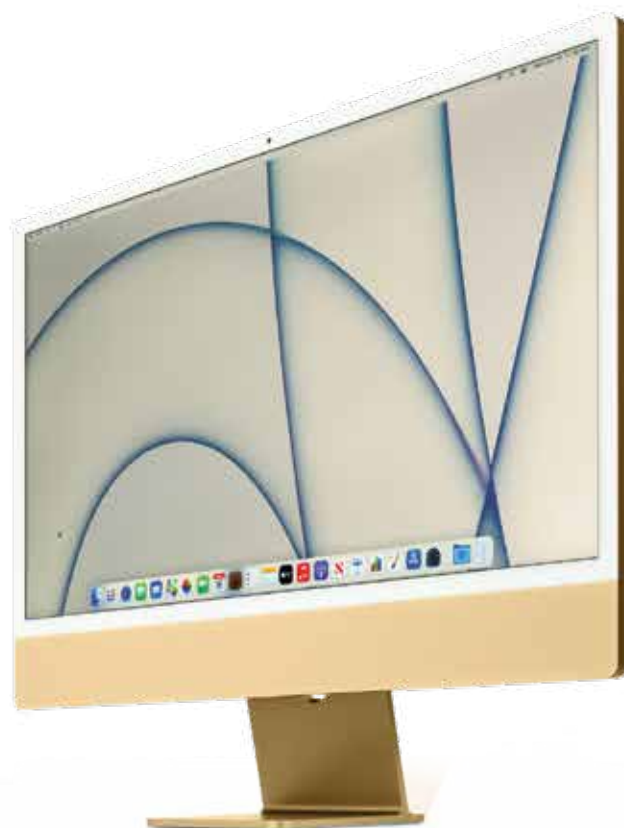
5 ports | Up to 60W Dynamic Charging Power | Mac, Windows, Chrome OS, & iPadOS

The OWC Thunderbolt Hub expands the number of Thunderbolt ports available to use. Connect and charge any device with a USB-C or USB-A connector through a single Thunderbolt port, with this compact hub.

- Plug it all in: your devices work the same like they would directly connected to machine
- Add more devices: connect more storage, two 4K displays or one 5K/6K/8K display, and accessories
- Dynamic charging: keeps the power flowing through real-world uses

**only \$179.00**

[www.macsales.com/thunderbolthub](http://www.macsales.com/thunderbolthub)



2021  
24-INCH M1 IMAC

## OWC USB-C TRAVEL DOCKS

Up to 100W Pass-Through Power | Mac, Windows, Chrome OS, & iPadOS

The compact OWC USB-C Travel Docks reduce the hassle of ...with up to six essential ports: USB 3 Type-A, HDMI 2.0, SD card reader, Gigabit Ethernet, and USB-C 100W power pass-through. Transform any location into a mobile office through its integrated USB-C connecting cable.

- Versatile: HDMI port for easy display connections up to 4K
- Tidy: built-in compartment stores cable neatly
- Portable: pocket-sized and built to work from everywhere

**Travel Dock**

**only \$54.99**

[www.macsales.com/traveldock](http://www.macsales.com/traveldock)

**Travel Dock E  
With Ethernet port.**

**only \$64.99**

[www.macsales.com/traveldocke](http://www.macsales.com/traveldocke)



2021  
M1 IPAD PRO



## NEW! OWC THUNDERBOLT 4/USB-C CABLES

Now that you have all of these connection opportunities, you will need a plug-and-play cable to take with you on the go. OWC has you covered with a universal Thunderbolt cable For All Computerkind. Use the OWC Thunderbolt 4 / USB-C Cable to connect your accessories, drives, phone, cameras, displays, and more.

- 100% USB-C compatible: connect to today's, tomorrow's, and yesterday's Macs, PCs, iPads, Chromebooks, Surface and other devices
- Certified for all uses: enjoy lab test certified safe power delivery up to 100W, up to 40Gb/s of data performance, and up to 8K of video capability
- Versatile: connect to millions of docks, displays, eGPUs, PCIe expansion, external SSDs, RAID storage, and other accessories

**0.7M, 1.0M, and 2.0M from \$19.99**

[www.macsales.com/tb4cable](http://www.macsales.com/tb4cable)

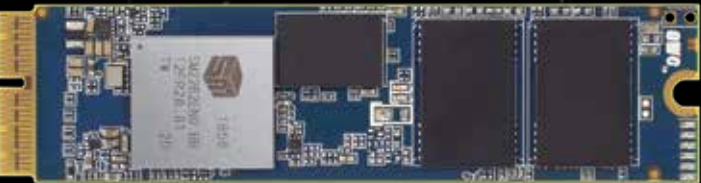


OWC AURA PRO X2

Up to 3282MB/s | Up to 2.0TB

Rejuvenate your Mac with performance that rivals the latest models at a fraction of the cost. Choose blade only or the full upgrade kit! Some kits even include an OWC Envoy Pro enclosure that repurposes the factory SSD into an external USB drive.

- Like a new Mac: up to 2x faster than factory SSD
- Store more: up to 16x greater capacity than factory SSD
- Same but better: retains use feel, settings, and the ports you want
- Run at peak longer: consumes less power and runs cooler for longer battery life
- Protected: 5 Year OWC Limited Warranty



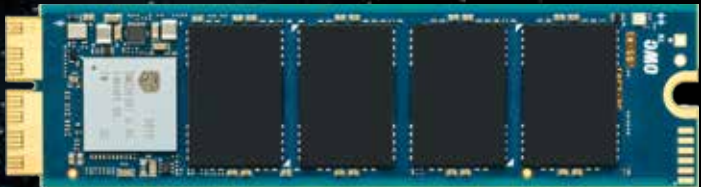
NVMe PCIe X4 SSD UPGRADE FOR SELECT 2013 AND LATER MACBOOK AIR, MACBOOK PRO, MAC MINI, AND MAC PRO!

240GB-2.0TB from \$89.00  
Most Popular: 1.0TB \$199.00

www.macsales.com/auraprox2



Outstanding Performance!  
"My MacBook performs better than before with at least a 50% increase in performance. Thank you OWC for an outstanding product because it exceeded my expectations!"



NVMe PCIe X4 SSD UPGRADE FOR SELECT 2013 AND LATER MACBOOK AIR, MACBOOK PRO, AND MAC MINI

240GB-1.0TB from \$69.00  
Most Popular: 1.0TB \$159.00

www.macsales.com/auran2



ADVANCED NVMe M.2 SSD UPGRADE FOR PCS AND ENCLOSURES

240GB-8.0TB from \$64.00  
Most Popular: 1.0TB \$164.00

www.macsales.com/aurap12



ADVANCED NVMe M.2 SSD UPGRADE FOR PCS AND ENCLOSURES

240GB-2.0TB from \$69.00  
Most Popular: 2.0TB \$169.00

www.macsales.com/aurap13

OWC AURA N2

Up to 2400MB/s | Up to 1.0TB

Add years of life to your existing Mac notebook or Mac mini, economically. Choose blade only or full upgrade kit. Some kits even include an OWC Envoy Pro enclosure that repurposes the factory SSD into an external USB drive!

- Maximize ROI: extends Mac use-life with higher speed and stamina
- Store more: up to 8x greater storage capacity than factory SSD
- Same but better: retains use feel, settings, and ports you want
- Extends run time: more efficient, cooler operation for longer battery life
- Protected: 3 Year OWC Limited Warranty

OWC AURA P12 PRO

Up to 3400MB/s | Up to 8.0TB

The versatile internal or external performance booster. Keep your project on track with faster data transfers in the field, as well as faster previews, renders, and processing in audio and VFX programs.

- Pro level speed: faster previews and renders, transfers, and streams
- Workstation-class: calibrated to endure write-intensive workflows
- Perfectly optimized: built-in SLC caching for burst performance
- Protected: 5 Year OWC Limited Warranty

NEW! OWC AURA P13 PRO

Up to 2771MB/s | Up to 2.0TB

The Aura P13 Pro might be small, but it delivers a heavyweight performance punch upgrade to computers and devices that use a 2242-sized M.2 SSD. It's the fastest compact SSD option on the market today.

- Class leading performance: for faster pro A/V workflows, video streaming, app/gaming load times, and more
- Compact solution: the best choice for computers and devices that utilize a 2242-sized M.2 SSD
- Advanced technology: for the highest reliability and performance
- Protected: 5 Year OWC Limited Warranty



OWC MERCURY ELECTRA 6G

Up to 530MB/s | Up to 4.0TB | 2.5-inch SATA SSD

With burst speeds up to 530MB/s and the latest in flash NAND and controller technology, you can dramatically improve your everyday computing experience.

- Improves everyday computing: fast boots, app loads, and system responsiveness
- Dependable: wear leveling automatically distributes data evenly
- Intelligent integrity: manages free space and gradually refreshes data
- Extends battery life: standby power benefits for longer runtimes between charges
- Protected: 3 Year OWC Limited Warranty

120GB-4.0TB from \$30.99 | Most Popular: 1.0TB \$124.99

www.macsales.com/electra6g

OWC MERCURY EXTREME PRO 6G

500MB/s+ Sustained Over Entire Drive | Up to 4.0TB | 2.5-inch SATA SSD

The fastest sustained speed and performance upgrade available for everyone from performance enthusiasts to production pros with a Mac or PC with a 6G SATA drive bay.

- No slowdowns: maintains read/write speeds exceeding 500MB/s over the entire drive capacity
- Saves money: get sustained speed instead of replacing a drive that slows down over time
- A/V ready: use with Blackmagic, Sound Devices, Atomos devices
- Protected: 5 Year OWC Limited Warranty

240GB-4.0TB from \$69.00 | Most Popular: 1.0TB now only \$219.00

www.macsales.com/extremepro



MERCURY ENTERPRISE PRO 6G

Up to 520MB/s | 16TB | 2.5-inch SATA SSD

The highest capacity 2.5-inch SATA 6G SSD available and engineered with enterprise-level technologies to deliver the highest performance and reliability.

- More storage: 16TB of capacity offers 4x more space than most common sized SSDs
- Feature-packed: supports TRIM, S.M.A.R.T, and NCQ for the best drive space management, reporting, performance, and longevity
- Protective: SmartFlush™ protects data integrity during power outage or system failure
- Secure: supports AES 256-bit hardware-based encryption and TCG (Trusted Computing Group) Opal specification.

only \$2,999.00  
www.macsales.com/enterprise6g



# MEMORY MADE FOR YOUR MAC

At OWC, we want your Mac to perform faster and last longer. That's why we engineer memory that is specifically tested and optimized for Mac.

## WHY BUY OWC BRAND MEMORY?

- Revolutionary: meets or exceeds manufacturer specifications
- Vetted: rigorously lab tested in-house to ensure superior quality, compatibility and reliability
- Supported: backed by industry leading lifetime advanced replacement. If you need your OWC memory replaced, we will ship it to you the same day
- OWC MaxRAM Certification: max your Mac with up to DOUBLE the factory-supported limit\*

## HELP... IF YOU NEED IT

An OWC Memory upgrade is easy to install yourself. Our library of free installation videos guide you through each step in the process. And our award-winning tech experts are standing by to help walk you through your upgrade via phone, chat, or email.

[www.macsales.com/install](http://www.macsales.com/install)

## A PERFECT FIT

There's OWC memory for nearly every upgradeable Mac, from the PowerMac G4 to the latest Mac Pro. Find memory that's precision crafted for your Mac:

- |                       |               |
|-----------------------|---------------|
| — Mac Pro 2019        | — MacBook Air |
| — Mac Pro 2013        | — iMac        |
| — Mac Pro 2009 – 2012 | — iMac Pro    |
| — MacBook Pro         | — Mac mini    |

Visit [www.macsales.com/memory](http://www.macsales.com/memory) for more models and upgrade options!



## OWC ONLINE MEMORY GUIDE

Finding the perfect memory upgrades for your Mac is easy.

[www.macsales.com/memory](http://www.macsales.com/memory)

# POWER TO MOVE, WORK, AND CHILL



## NEWERTECH NUPOWER BATTERIES

Bye-bye, wall outlet. Hello working from anywhere! NewerTech NuPower batteries provide up to 50% more capacity vs. original Apple factory batteries. So unplug and get back to your laptop lifestyle.



1 Year NewerTech Limited Warranty



100% Mercury Free



Longer battery life from top Lithium-Ion cells



All internal batteries are model-specific



2006 – 2015 MACBOOK PRO

from \$69.75



2008 – 2017 MACBOOK AIR

from \$59.75



2006 – 2010 MACBOOK

from \$69.75

For over 15 years, NewerTech has been supporting the Mac community with battery upgrades and building a reputation for high quality, high-performance products. NuPower batteries perfectly complement the fit and finish of your Mac notebook.

Find your laptop model and battery upgrade at [www.macsales.com/batteries](http://www.macsales.com/batteries)

*"Excellent battery replacement and video instructions."* Atlanta, GA, USA

*"Don't get a cheap battery on eBay. This is much better!"* Columbia, SC, USA

*"Extended the life of my MacBook Air for years."* Ontario, CA





# JUST LIKE NEW, AGAIN AND AGAIN

Outfit your machine for the road ahead to discover a new world of potential. OWC has the power to make your Mac Pro 2013 run like new again or take it beyond the factory limits for enhanced speed, storage and performance.

## OWC AURA PRO X2 SSD

Up to 1565MB/s | Up to 2.0TB | macOS 10.13 & beyond

Aura Pro X2 combines speed, stamina, and efficiency to take your Mac Pro to the max performance level.

- Powerful: NVMe – PCIe 3.1 x4
- Driven: delivers high performance for high demands
- Protected: 5 Year OWC Limited Warranty

from \$89.00 | Most popular: 1.0TB \$199.00

Visit [www.macsales.com/auraprox2](http://www.macsales.com/auraprox2) to find the right SSD for your Mac!

### SAVE EVEN MORE — TRADE IN YOUR OLD SSD!

Save even more on your upgrade by trading in your lower capacity Apple or OWC Flash SSD. [www.macsales.com/rebate](http://www.macsales.com/rebate)

## OWC MEMORY

Up to 128GB | For all models

With four available memory slots, you can transform your Mac Pro with up to 128GB of OWC Memory.

- Doubled: install in pairs for best performance
- Driven: high-performance multi-channel memory
- Protected: OWC Limited Lifetime Warranty

from \$19.99

Visit [www.macsales.com/memory](http://www.macsales.com/memory) to find your perfect match!

## PROCESSOR UPGRADES

Up to 12-Core | For all models

Install up to 12-cores of pure processing performance, and make your Mac Pro do more with a processor upgrade from OWC.

- Extend: get more use life from your Mac Pro
- Doubled: more cores so you can run applications faster and more apps simultaneously.
- Install: step-by-step video makes it easy

4–12-core from \$34.75

[www.macsales.com/processorupgrades](http://www.macsales.com/processorupgrades)



# YOUR MULTI- HIT WONDER

Roomy and durable, Mac Pro towers are nearly a blank slate for upgrades. With options for speed, storage, and performance, you can keep your machine running better than ever for years to come. Get the most out of your Mac investment with OWC.

## OWC MEMORY

Up to 128GB | For all models

With four available memory slots, you can transform your Mac Pro with up to 128GB of OWC Memory.

- Doubled: install in pairs for best performance
- Driven: high-performance multi-channel memory
- Protected: OWC Limited Lifetime Warranty

from \$11.99

Visit [www.macsales.com/memory](http://www.macsales.com/memory) to find your perfect match!



## OWC ACCELSIOR S

Over 500MB/s | Up to 4.0TB | 2.5-inch 6G SATA SSD

PCIe upgrades... break into 6G! Add SSD performance that's 2x faster than the 3G SATA drive bays.

bundles starting at \$69.25

Visit [www.macsales.com/accelsior](http://www.macsales.com/accelsior) to find the right SSD for your Mac!



## OWC MERCURY SSD UPGRADES

Up to 106x Faster! | Up to 16TB | 2.5-inch SATA SSD

OWC Mercury 2.5-inch SSDs deliver higher performance for audio and video production, photography and more.

- Focused: engineered for Mac, no extra software needed
- Reliable: 7% overprovisioning for the long-term
- Protected: up to 5 Year OWC Limited Warranty

from \$29.99 Compare Mercury Extreme and Electra SSD's on p. 47

Visit [www.macsales.com/ssd](http://www.macsales.com/ssd) to find the right SSD for your Mac!



## EXTERNAL RAID STORAGE

From a few extra terabytes to a fully loaded RAID setup, OWC has powerful, high-performance storage options for your Mac.

from \$229.00 p. 14

Explore your options at [www.macsales.com/externals](http://www.macsales.com/externals)

## SOFTRAID FOR SMOOTH RAIDING

SoftRAID far outperforms hardware-only solutions for the best safety and speed. Protects your data with redundant storage options and disk failure monitoring.

from \$49.99 p. 20–21

Discover the best RAID solution at [www.macsales.com/softraid](http://www.macsales.com/softraid)





# THE ALL-IN-WONDER ANSWER

For iMac models 2012–2019, OWC has SSD and HDD kits to fit all your computing needs. We have kits to organize and store media, crunch more data, and crush your favorite games... for less.

## OWC SSD & HDD UPGRADE KITS

2.5-inch | 3.5-inch | SATA | SSD | HDD | 120GB–16TB!  
[www.macsales.com/imacdiy](http://www.macsales.com/imacdiy)



**1.0TB SSD UPGRADE KIT**  
for 2012–2019 iMac 21.5-inch models  
Kit includes all the tools needed. Add a drive enclosure to easily migrate your data, or reuse the original drive.

**only \$150.75**  
OWCK21IM12HE1TB



**2.0TB SSD UPGRADE KIT**  
for 2012–2019 iMac 21.5-inch models  
Add an SSD to your hard drive equipped iMac to experience data transfer speeds over 500MB/s.

**only \$279.75**  
OWCK21IM12HE2TB



**4.0TB HDD UPGRADE KIT**  
for 2012–2019 iMac 21.5-inch models  
Kit includes all the tools needed, and a 4.0TB Seagate Laptop Series HDD.

**only \$132.00**  
OWCYIMAC212H4.0



**2.0TB SSD UPGRADE KIT**  
for 2012–2019 iMac 27-inch models  
Experience the extreme performance of an OWC SSD upgrade with this easy DIY SSD and hard drive replacement kit.

**only \$280.75**  
OWCK27IM12HE2TB



**1.0TB SSD UPGRADE KIT**  
for 2012–2019 iMac 27-inch models  
Add an SSD to your hard drive equipped iMac to experience faster booting and near instant application launches.

**only \$159.75**  
OWCK27IM12HE1TB



**6.0TB HDD UPGRADE KIT**  
for 2012–2019 iMac 27-inch models  
Kit includes thermal sensor, tools and 6.0TB Toshiba MG06ACA Series HDD.

**only \$199.99**  
OWCYIMAC272H6.0

# READY TO RUN... FASTER

Your iMac is a finely tuned machine just waiting to break free. Unleash its full performance potential with OWC upgrades, precision calibrated to take it beyond the factory limits.

**IMAC 21.5-INCH UPGRADES**  
Late 2009–Current models (4K models)<sup>1</sup>

## OWC MERCURY SSD UPGRADES

Up to 106x Faster! | Up to 4.0TB | 2.5-inch SATA SSD

OWC Mercury 2.5-inch SSDs deliver higher performance audio and video production, photography and more.

- Focused: engineered for Mac, no extra software needed
- Reliable: 7% overprovisioning for the long-term
- Protected: up to 5 Year OWC Limited Warranty

**from \$30.99** Compare Mercury Extreme and Electra SSD's on p. 47  
Visit [www.macsales.com/ssd](http://www.macsales.com/ssd) to find the right SSD for your Mac!

1. Mercury Extreme Pro 6G and Mercury Electra 6G SSDs can only be installed in iMac models that came with a factory-installed HDD or Fusion drive.



## DIY WITH OWC

With a library of installation videos, you can count on OWC for step-by-step instructions for all your Mac upgrades. You can also call, chat, or email us to reach our award-winning support team.

Get started at [www.macsales.com/DIY](http://www.macsales.com/DIY)



## OWC MEMORY

Up to 64GB | Up to 2x more memory vs factory options

Four available memory slots, so you can transform your iMac with up to 64GB of OWC Memory.

- Doubled: install in pairs for best performance
- Driven: high-performance multi-channel memory
- Protected: OWC Limited Lifetime Warranty

**from \$10.75**

Visit [www.macsales.com/memory](http://www.macsales.com/memory) to find your perfect match!



## DIY IMAC UPGRADE KITS

The only kits on the market with a thermal sensor to maintain proper system operation.

**Add your own SSD or HDD from \$19.75!**  
Explore your options at [www.macsales.com/imacdiy](http://www.macsales.com/imacdiy) or see p. 56 for the most popular kits.



## PARALLELS

Ideal for developers, web and graphic designers, and anyone needing to test apps across OS platforms without rebooting.

**from \$19.00**

80% off with the purchase of a New, Used, or Refurbished Mac  
[www.macsales.com/parallels](http://www.macsales.com/parallels)



# THE BEST GET EVEN BETTER!



**IMAC 27-INCH UPGRADES**  
Late 2009–Current models

## **OWC MEMORY** *LATE 2009–CURRENT IMAC MODELS* Up to 128GB | Up to 4x more memory vs factory options

With four available memory slots, you can transform your iMac with up to 64GB of OWC Memory.

- Doubled: install in pairs for best performance
- Driven: high-performance multi-channel memory
- Protected: OWC Limited Lifetime Warranty

**from \$9.79**  
Visit [www.macsales.com/memory](http://www.macsales.com/memory) to find your perfect match!



## **DIY IMAC UPGRADE KITS**

The only kits on the market with a thermal sensor to maintain proper system operation.

### **Add your own SSD or HDD from \$19.75!**

Explore your options at [www.macsales.com/imacdiy](http://www.macsales.com/imacdiy) or see p. 52 for the most popular kits.



## **PARALLELS**

Ideal for developers, web and graphic designers, and anyone needing to test apps across OS platforms without rebooting.

**from \$19.00**  
80% off with the purchase of a New, Used, or Refurbished Mac  
[www.macsales.com/parallels](http://www.macsales.com/parallels)



## **OWC MERCURY SSD UPGRADES**

Up to 106x Faster! | Up to 4.0TB | 2.5-inch SATA SSD

OWC Mercury 2.5-inch SSDs deliver higher performance audio and video production, photography and more.

- Focused: engineered for Mac, no extra software needed
- Reliable: 7% overprovisioning for the long-term
- Protected: up to 5 Year OWC Limited Warranty

**from \$30.99** Compare Mercury Extreme and Electra SSD's on p. 47  
Visit [www.macsales.com/ssd](http://www.macsales.com/ssd) to find the right SSD for your Mac!



**IMAC 27-INCH UPGRADES**  
2017–Current iMac Pro models

iMac is the fantastic all-in-one machine that's built to take your imagination everywhere. Evolve your iMac with OWC upgrades for a fraction of the cost of buying a new machine to keep it running like new for years to come.

## **OWC MEMORY** *2017–CURRENT IMAC PRO MODELS* Save up to 52% vs. highest Apple factory option

Upgrading the memory on an iMac Pro up to 256GB can be a complex procedure. To make it easy, have an OWC certified technician install it for you!

- Doubled: install in pairs for best performance
- Driven: high-performance multi-channel memory
- Protected: OWC Limited Lifetime Warranty

**from \$719.00** Memory + Pro Install  
[www.macsales.com/imacpromemory](http://www.macsales.com/imacpromemory)

## **OWC THUNDERBOLT 3 MINI DOCK** 5 Ports | Bus-Powered | Mac and Windows

On-the-go or on a desktop, the OWC Thunderbolt 3 mini dock is the ultimate all-in-one portable dock for port-limited Thunderbolt 3 Macs and PCs. It is smartphone-sized with no AC adapter needed, so you can add up to two displays, two USB storage and desktop accessory devices, and Gigabit Ethernet networking to workflows via one integrated cable.

**only \$149.00** p. 33  
[www.macsales.com/tb3minidock](http://www.macsales.com/tb3minidock)



## **OWC THUNDERBOLT 3 DOCK** 14 Ports — Mac & Windows

Convenient rear and front-facing ports make it easy to connect any device, interface, or SD card.



**from \$299.00** p. 32  
[www.macsales.com/tb3dock](http://www.macsales.com/tb3dock)



## **DIY IMAC UPGRADE KITS**

The only kits on the market with a thermal sensor to maintain proper system operation.

### **Add your own SSD or HDD from \$19.75!**

Explore your options at [www.macsales.com/imacdiy](http://www.macsales.com/imacdiy) or see p. 56 for the most popular kits.



## **ACRONIS CYBER PROTECT HOME OFFICE**

Acronis Cyber Protect Home Office is a powerful backup and antimalware solution that protects you from accidents to failures to attacks.

**from \$49.99**  
[www.macsales.com/acronis2021](http://www.macsales.com/acronis2021)



# PRO POWER THAT LASTS & LASTS

Rediscover what your MacBook Pro was meant to be with OWC upgrades for models from early 2006–late 2016.



**MACBOOK PRO UPGRADES**  
2006–2012 models with Optical Drive



## OWC AURA PRO X2 SSD UPGRADES

Up to 1565MB/s | Up to 2.0TB | macOS 10.13 & beyond

Combines speed, stamina, and efficiency to take your Mac Pro to the max performance level.

- Powerful: NVMe – PCIe 3.1 x4
- Driven: delivers high-performance for high demands
- Protected: 5 Year OWC Limited Warranty

from \$89.00 |  
**Most Popular: 1.0TB \$199.00**  
Visit [www.macsales.com/auraprox2](http://www.macsales.com/auraprox2)  
to find the right SSD for your Mac!



For 2016-2017 Non-Touch Bar  
13-Inch MacBook Pro



from \$89.00  
[www.macsales.com/upgrades](http://www.macsales.com/upgrades)

## OWC MERCURY SSD UPGRADES

Up to 106x Faster! | Up to 4.0TB | 2.5-inch SATA SSD

OWC Mercury 2.5-inch SSDs deliver higher performance for audio and video production, photography and more.

- Focused: engineered for Mac, no extra software needed
- Reliable: 7% overprovisioning for the long-term
- Protected: up to 5 Year OWC Limited Warranty

from \$30.99 Compare Mercury Extreme and Electra SSD's on p. 47  
Visit [www.macsales.com/ssd](http://www.macsales.com/ssd) to find the right SSD for your Mac!



## OWC MY UPGRADES

Turn your Mac into a powerhouse. Find upgrades for your Mac model using our 3-step process.  
[www.macsales.com/upgrades](http://www.macsales.com/upgrades)



## NEWERTECH NUPOWER BATTERY

Up to 23% more capacity than Apple factory batteries

NuPower batteries perfectly complement the fit and finish of your early 2006–early 2015 MacBook Pro.

- Safe: 100% Mercury free
- Pristine: made from top Lithium-Ion cells
- Protected: 1 Year NewerTech Limited Warranty

from \$87.75  
Find your laptop battery upgrade at [www.macsales.com/batteries](http://www.macsales.com/batteries)

## OWC DATA DOUBLER KIT

Complete: Drive, bracket, hardware, tools, instructions

Everything you need to replace your optical drive with a second drive or SSD!

- Roomy: makes space for up to 4.0TB storage
- Quick: speed up your boot and app load times
- Flexible: configure your drive however you want

from \$19.75  
[www.macsales.com/datadoubler](http://www.macsales.com/datadoubler)



**MACBOOK PRO UPGRADES**  
2012–2016 models with Retina display

## OWC MEMORY EARLY 2006–LATE 2016 NON-RETINA MODELS

Up to 16GB | Up to 2x more memory vs factory options

With two available memory slots, you can transform your MacBook Pro by adding up to 16GB of OWC Memory.

- Doubled: install in pairs for best performance
- Driven: high-performance multi-channel memory
- Protected: OWC Limited Lifetime Warranty

from \$7.49  
Visit [www.macsales.com/memory](http://www.macsales.com/memory) to find your perfect match!



*"I started up iPhoto, with all those pictures to load in ... what always took time, was now almost instantaneous."*

— Marcel Dufresne, MaUsE DoubleClick



# THE BEST OF LIGHT AND POWERFUL

Always at the ready, the MacBook Air was designed to go everywhere. OWC upgrades can evolve it even further by adding a longer battery life, more storage and a performance boost that might just knock your socks off.



## OWC AURA PRO X2 SSD UPGRADES

Up to 1565MB/s | Up to 2.0TB | macOS 10.13 & beyond

Combines speed, stamina, and efficiency to take your Mac Pro to the max performance level.

- Powerful: NVMe – PCIe 3.1 x4
- Driven: delivers high-performance for high demands
- Protected: 5 Year OWC Limited Warranty

from \$89.00 | Most popular: 1.0TB \$199.00

Visit [www.macsales.com/auraprox2](http://www.macsales.com/auraprox2) to find the right SSD for your Mac!



## NEWERTECH NUPOWER BATTERY

Up to 23% more capacity than Apple factory batteries

NuPower batteries perfectly complement the fit and finish of your late 2008–2017 models.

- Safe: 100% Mercury free
- Pristine: made from top Lithium-Ion cells
- Protected: 1 Year NewerTech Limited Warranty

from \$79.75

Find your laptop battery upgrade at [www.macsales.com/batteries](http://www.macsales.com/batteries)

## MACBOOK AIR UPGRADES

Late 2008–2017 models



## OWC ENVOY PRO

Bring extra performance power wherever you go with the Envoy Pro portable SSD enclosure.

- Sleek: award-winning design matches your Mac notebook
- Mobile: bus powered and palm-sized
- Flexible: add your own SSD or buy pre-loaded

Enclosure only \$69.00

Solutions up to 8.0TB from \$129.00

Get yours at [www.macsales.com/envoypro](http://www.macsales.com/envoypro)



## ACRONIS CYBER PROTECT HOME OFFICE

Acronis Cyber Protect Home Office is a powerful backup and antimalware solution that protects you from accidents to failures to attacks.

from \$49.99

[www.macsales.com/acronis2021](http://www.macsales.com/acronis2021)

# SMALL FOOTPRINT EXPANSIVE PERFORMANCE

Mac mini packs a huge amount of computing power into a space that's wonderfully, beautifully small. And just a few upgrades from OWC exponentially expand its power, performance, and capacity.



## MAC MINI UPGRADES

Late 2006–Late 2018

## OWC MEMORY LATE 2006-CURRENT INTEL MODEL

Up to 64GB | OWC Limited Lifetime Warranty

With two available memory slots, you can transform your Mac mini by adding up to 64GB of OWC Memory.

- Doubled: install in pairs for best performance
- Driven: high-performance multi-channel memory
- Protected: OWC Limited Lifetime Warranty

from \$10.99

Visit [www.macsales.com/memory](http://www.macsales.com/memory) to find your perfect match!

## OWC AURA PRO X2 SSD UPGRADES

Up to 1565MB/s | Up to 2.0TB | macOS 10.13 & beyond

Combines speed, stamina, and efficiency to take your mini to the max level of performance.

- Powerful: NVMe PCIe 3.1 x4
- Driven: delivers high-performance for high demands
- Protected: 5 Year OWC Limited Warranty

from \$89.00 | Most popular: 1.0TB \$219.00

Visit [www.macsales.com/auraprox2](http://www.macsales.com/auraprox2) to find the right SSD for your Mac!



## OWC MINISTACK

Stacks perfectly with Mac mini!

Up to 16TB from \$149.00

[www.macsales.com/ministack](http://www.macsales.com/ministack) p. 28



## OWC MERCURY SSD UPGRADES

Up to 106x Faster! | Up to 4.0TB | 2.5-inch SATA SSD

OWC Mercury 2.5-inch SSDs deliver higher performance for audio and video production, photography and more.

- Focused: engineered for Mac, no extra software needed
- Reliable: 7% overprovisioning for the long-term
- Protected: up to 5 Year OWC Limited Warranty

from \$30.99 Compare Mercury Extreme and Electra SSD's on p. 47

Make it a Bundle with a Data Doubler Kit from \$40.75

Visit [www.macsales.com/ssd](http://www.macsales.com/ssd) to find the right SSD for your Mac!



# OWC SPOTLIGHT: PHOTOGRAPHY

## HENRY DILTZ

Henry Diltz is one of the most well-known rock n' roll photographers of all time. But when he took his legendary images at Woodstock, he had no idea they were going to become a part of music history. The subjects in his photos were just his friends. As the years passed, however, the photos grew in importance as Woodstock became a piece of the firmament of rock n' roll history. Diltz realized that the images had to be protected and preserved for future generations. That's where OWC came in.

The team got to work with the goal of preserving the images in a resolution that would stand the test of time. Brian Vincik, Henry Diltz, and Larry O' Connor, founder and CEO of OWC, worked together to preserve history. The project wasn't small—it was a 6-month effort to scan about 120,000 slides. OWC provided the solutions to make this massive project a success. The team used the OWC Jupiter NAS to turn piles of historical slides and negatives into protected data. With the help of OWC and the Jupiter NAS, Henry Diltz was able to preserve images of rock stars and culture at this historical music event for generations to come.

You can learn more about Henry Diltz at [macsales.com/Diltz](https://www.macsales.com/Diltz)



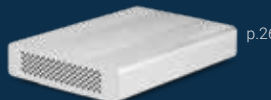
## FLORIAN WAGNER

Everything starts with water. Water is earth's most valuable raw material and it's irreplaceable. Adventure photographer Florian Wagner has worked with National Geographic, Stern Magazine, and Terra Mater (Red Bull). Join OWC founder & CEO, Larry O' Connor, and photographer Florian Wagner, as they discuss the Worldwide Waters Project. The Worldwide Waters Project raises awareness for what's happening with African waters and discusses cost-effective conservation strategies.



The Worldwide Waters Project is a massive multi-country production requiring tens of thousands of photographs from different locations around the world. Throughout the project, Wagner has met with local communities and conservationists to discuss the importance of water systems and the need for sustainable consumption. The initial leg titled "African Waters" was produced in 66 days and produced over 30,000 images across 10 different countries.

The team relied on a 13" MacBook Pro and 15" MacBook Pro upgraded with OWC RAM and internal SSD to get the job done. They also used the Envoy Pro EX and the Mercury Elite Pro Mini drives to store photos, videos, and project files.



Why dedicate so many of our resources towards sustainability? It ties in everything that we do at OWC, whether it's maximizing the capabilities of existing technology in the field or minimizing the use of resources necessary to keep that technology going. The first step is awareness. Having a source of clean safe water is integral to our ability to exist on the planet. There is still time to make a change.

You can learn more about Florian Wagner at [www.macsales.com/wagner](https://www.macsales.com/wagner)

# OWC SPOTLIGHT: CORPORATE

## MEDIA STORM

Can an advertising agency actually become a business partner instead of just a vendor? Craig Waters at Media Storm set out to change the standards by which creative agencies were judged. But when the pandemic hit, the team realized that their tech stack needed some serious help. That's when OWC stepped in to save the day.



Traditionally, creative agencies have put together campaigns and helped their clients place those ads. Media Storm deploys a team of data scientists to help their clients achieve results that drive their business goals and they hold themselves accountable for those financial results. That makes them a whole new breed of agency.

When people went to work from home with the onset of the pandemic, their technology problems really came to the forefront. They addressed these issues using OWC solutions (docks and upgraded Mac Pro cylinders) and availing of OWC consultation.

The creative teams employ Pro Tools, Adobe apps, and 4K+ video systems. OWC's upgrades help eliminate crashing, freezing and beach balls from across their workstations. Now the team comes across as far more professional and well equipped.

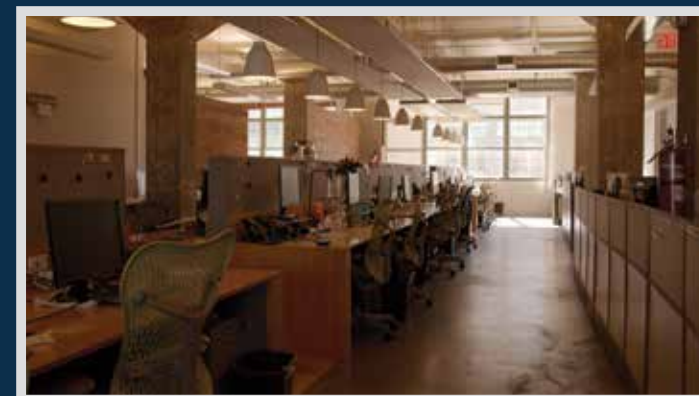
Between upgrades to the internal components of Macs, to the peripherals and drives, OWC's products have transformed their agency's tech stack.

The ease of installation really stood out for the team at Media Storm. Users have been able to upgrade their own RAM without blowing up their machines! The external drives have been able to deliver blazing fast performance and simplify large file transfers.

Reliability also stood out for the Media Storm staff. They realized that they simply didn't have time for stuff to go down. Failures are just too expensive. The OWC drives delivered on both the speed and reliability that they needed to support a team of more than one hundred and sixty people.

Media Storm's tech story has been completely transformed by its partnership with OWC. They're now able to take on the challenges of work-from-home, a pandemic, and a growing business.

You can learn more about Media Storm at [www.macsales.com/mediastorm](https://www.macsales.com/mediastorm)





# SUSTAINABILITY IS GOOD BUSINESS

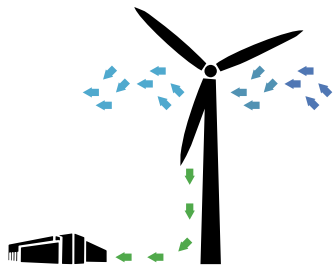
As we grow, so does our commitment to sustainability. We're proud to be a zero-emissions company, and always working towards minimizing our environmental impact. In 2015, we reached our goal of generating more power than we consume. Sustainability can also be economical. We provide customers with products that allow them to maximize the longevity of their technology and we extend this approach to our business operations.

We have worked tirelessly to build sustainable practices into all levels of our company. We currently recycle 97 percent of our solid waste materials. And our efforts haven't gone unnoticed: We're Energy Star certified, and in 2010, we received the LEED® Platinum Certification by the Green Building Certification Institute.



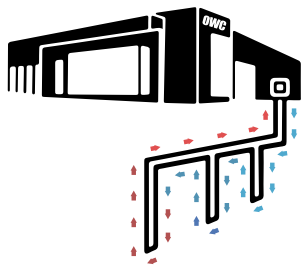
## SUSTAINABILITY AT-A-GLANCE

- Nearly zero waste with widespread recycling programs
- Eco-friendly, recyclable packaging
- First U.S. technology manufacturer with a fully wind powered on-site turbine
- A LEED Platinum and Energy Star certified building
- Recycle 97% of solid waste materials
- One of the largest privately-owned solar arrays in Illinois



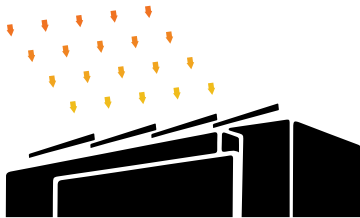
### WIND POWER

Clean, limitless, efficient. OWC's wind turbine is the foundation of our environmentally responsible alternative energy efforts. We kicked off our on-site energy program with the installation of a Vestas V39-500kW wind turbine in 2009 at company headquarters in Woodstock, IL. OWC quickly became the first manufacturer/distributor in the U.S. to become 100% on-site wind powered. The wind turbine alone in Woodstock generates more power than is consumed at this location.



### GEO THERMAL HEATING AND COOLING

Corporate energy heating and cooling systems pose a large pollution risk for the communities in which they operate. That's why our Woodstock headquarters utilize a geothermal heating and cooling system. Unlike standard operations, we use an environmentally safe, biodegradable liquid in a closed loop — so there is never any risk of pollution.



### SOLAR POWER

Go ahead... call us obsessive. Not content with harnessing the power of the wind and earth, OWC adopted solar power as an energy source at our two largest locations in Woodstock, IL and Austin, TX. In 2015, we installed and activated a solar power system in Woodstock to augment our existing wind power turbine. The solar system consists of 770 American-made Sun Power solar panels installed on the roof of the building, making it one of the largest privately-owned solar arrays in Illinois.

# OWC SHIPPING AND CUSTOMER SERVICE

## FREE AWARD-WINNING SERVICE & SUPPORT

From sales and setup to troubleshooting, you have a team of people ready to help. Our robust customer service support center includes: Technical Assistance, Order Tracking, Warranty Information, Installation Videos, Data Recovery Info, and more. So you get maximum performance and peace of mind from every OWC product, every time. Whether you're based in the U.S. or internationally, our award-winning service and support staff is ready to help make your purchase a success.

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### CONTACT SUPPORT

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Mon–Fri 8:00 AM – 8:00 PM CT

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Fill out our customer support form at [www.macsales.com/help](http://www.macsales.com/help) and we'll reply back to you via email.



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**Need technical support?** Give us a ring. Phone: M–F, 8am–6pm CT 1.866.692.7100 (N. America) +1-815-338-4751 (Int'l) Chat: M–F, 8am–6pm, Sat. 9am–5pm CT [www.macsales.com/service](http://www.macsales.com/service)



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straight to your inbox – with a few  
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boost your holiday joy!

## YEAR SPECIALS!

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Deals are constantly changing, so be sure  
to check in throughout the holiday season  
for the best OWC has to offer.

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Find huge savings on hundreds of items – all at clearance pricing.  
Act fast - deals like these won't be around long!

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