

# OWC ThunderBlade

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[owc.com/solutions/thunderblade](https://www.owc.com/solutions/thunderblade)

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## When Performance Is Everything

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- Data transfer speed up to 2800MB/s<sup>1</sup>
- Capacities up to 32TB
- Second Thunderbolt 3 port to daisy chain up to five additional Thunderbolt devices or connect a USB-C device or display
- Rugged portability in a sleek design
- Includes a custom-fit ballistic hard-shell case
- OWC 3 Year Limited Warranty

## More Powerful Than You Can Imagine

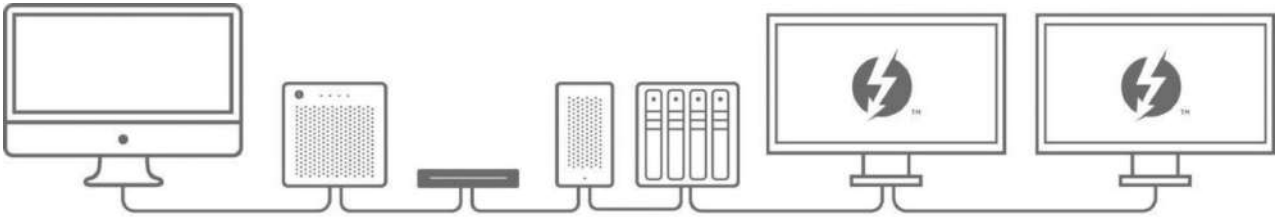
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In a fast-paced, professional environment, time is money and performance is everything. The success of your project depends on quick data processing and demands performance and efficiency working with uncompressed, high bandwidth content streams. ThunderBlade delivers the performance to match — capable of unbelievable transfer speeds up to 2800MB/s<sup>1</sup>. And with SoftRAID, two ThunderBlades can reach dizzying heights up to 3800MB/s<sup>1</sup>.

## At Home On The Road

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Designed to be rugged and dependable as well as blazing fast, ThunderBlade is equally at home on the road, on set or in the edit suite. Its compact and tough enough to withstand even the roughest treatment in between locations, and it comes complete with it's own ballistic hard-shell case for even greater protection. And with two Thunderbolt 3 ports, ThunderBlade fits your workflow daisy-chain perfectly.



## **Pro-tips: Daisy-chaining With Thunderbolt Devices**

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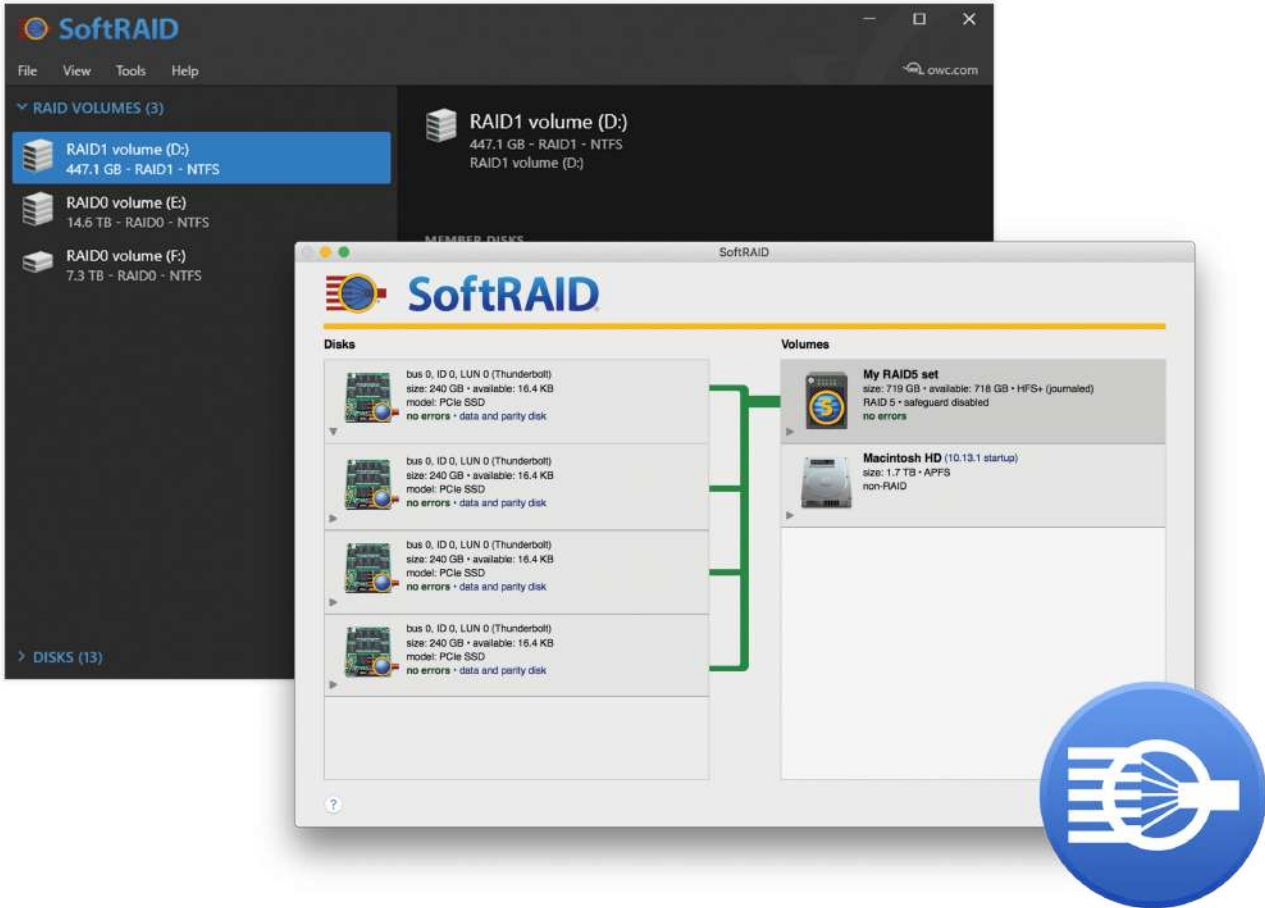
With the ability to run up to six devices per port, Thunderbolt ports amplify your laptop or desktop with peripheral power. Learn the basics of daisy-chaining Thunderbolt devices for maximum performance in this handy infographic. [View Infographic](#)

## **Includes SoftRAID: Easy and Complete Drive Management**

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Now you can maximize disk space, get the fastest access speeds, and protect against disk failure with Plug and Play simplicity. SoftRAID's easy setup makes it a breeze to create RAID volumes by helping you through the entire process. Just decide what you're using your RAID volume for and how much space to allocate to it. It's that simple to create your preference of speed and/or redundancy attributes of your data volume.

OWC enclosures ship with the XT version of SoftRAID. SoftRAID XT and Lite XT are fully featured and designed to only work with OWC solutions. [Learn More](#)



SoftRAID Lite XT for Windows and SoftRAID XT and Lite XT for Mac

## Workflow And Storage Solutions For Pros

Whether you're finishing and mastering, creating proxies or working with state-of-the-art VFX and AR, you need dependable tech that keeps pace with your demands. OWC workflow and storage solutions cover every angle, delivering processing speeds up to 2800MB/s<sup>1</sup>, capacity for all five levels of RAID, and bonus features like the freedom to daisy-chain and hot-swap. Use the chart to find the perfect match for your workflow and storage. [View Chart](#)

## Detailed Specs

### Number of Bays

4

### Total Capacity

4.0TB

### Standard Mechanism

- (4) 1.0TB OWC Aura Pro IV PCIe 4.0 NVMe M.2 SSD

- \*OWC reserves the right to replace or upgrade to equivalent or better components.

## Plug and Play

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Yes

## Hot Plug Support

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Yes

## Boot Support

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Mac only. Boot volume must be independent from RAID volume.

## Format

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Formatted as 4 disk RAID 0 for Mac. To convert for PC, use SoftRAID for Windows.

## Drive Interface

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M.2 NVMe (PCIe 3.0)

## RAID Capable

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Yes

## Default RAID Level

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RAID 0

## RAID Levels Supported

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- RAID 0
- RAID 1
- RAID 4
- RAID 5
- RAID 10

## RAID Features

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Software RAID

## Device Ports

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- (1) Host Port - Thunderbolt 3 (USB-C) up to 40 Gb/s (5000 MB/s)
- (1) Thunderbolt 3 (USB-C) Port

## Display Support

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- Up to one 5K display @ 60Hz,

- or one 4K display @ 60Hz,
- or one 4K display @ 30Hz

## Display Support by Port

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Thunderbolt 3: Up to 5K @ 60Hz via a native Thunderbolt 3 display or 4K @ 60Hz via a Thunderbolt display or a USB-C display adapter

## Data Transfer Rate (Maximum)

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Thunderbolt 3 : Up to 40 Gb/s (or 5000 MB/s)

## Benchmark Speed, Read (Max)

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Up to 2586 MB/s

## Benchmark Speed, Write (Max)

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Up to 2613 MB/s

## Chipset

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Thunderbolt 3: (1) Intel DSL6540

## Host Port Requirements

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Thunderbolt (USB-C) port (backward compatible with Thunderbolt 2/Thunderbolt<sup>1</sup>)

## Mac OS Compatibility

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- macOS 10.13 High Sierra
- macOS 10.14 Mojave
- macOS 10.15 Catalina
- macOS 11.x Big Sur
- macOS 12.x Monterey
- macOS 13.x Ventura
- macOS 14.x Sonoma

## PC OS Compatibility

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- Windows 10 64-bit Edition
- Windows 11

## Driver Required

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- SoftRAID Only
- SoftRAID automatically checks for the latest driver. Launch the app and if displayed, follow prompts to update driver.

## Other Requirements

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SoftRAID XT works with macOS 10.14 or later and Windows 10 or later. SoftRAID is licensed per computer. The SoftRAID serial number will work with both Mac and Windows but can only be active on one computer at a time. Additional seats can be purchased. RAID 4/1+0 (10) are currently Mac only at this time.

## External Power Adapter

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Yes

## Power Supply

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External UL-listed universal auto-switching power supply

## AC Input

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100-240V, 50-60Hz, 2.0A

## DC Output

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+15V, 4.8A

## Wattage

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72W

## Security Slot

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No

## Power/Activity LED

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Yes

## Housing Color

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Black

## Housing Material

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Aluminum

## Dimensions

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- Height: 2.9 cm (1.1 in)
- Length: 19.2 cm (7.6 in)
- Width: 12.4 cm (4.9 in)

## Weight

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676.0 g (1.49 lbs)

## Certifications

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- CE
- FCC
- RoHS

## Ambient Temperature

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- Operating: 50°F to 95°F (10°C to 35°C)
- Non-Operating: -40°F to 149°F (-40°C to 65°C)

## Altitude

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- Operating: -304.8 m to 3,048.0 m (-1,000 ft to 10,000 ft)
- Non-Operating: -304.8 m to 12,192.0 m (-1,000 ft to 40,000 ft)

## Humidity

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- Operating: 8% to 90% non-condensing
- Non-Operating: 5% to 95% non-condensing

## Noise

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0.0dB

1. Thunderbolt 2/Thunderbolt compatibility requires a certified [Thunderbolt 3 \(USB-C\) to Thunderbolt 2 \(mDP\) adapter](#) and a Thunderbolt 2 cable (available separately). This configuration provides data transfer at up to 20Gb/s but does not support notebook charging.