

Drobo 8D



The Power to Transform Your Workflow

Transform your storage workflow. Meet the bigger, better, bolder Drobo 8D. Capable of supporting 16 volumes of up to 128TB, with a total storage pool of 256TB, 8D is designed to meet the need for data-intensive workflows. With lightning speed Thunderbolt™ 3, the Drobo 8D is the fastest direct attached Drobo yet. The Drobo 8D is the only Drobo with the Intelligent Volume Management, which allows for the flexibility of manual and automated management of storage pools.

Creative professionals will experience the editing power for media rich, high resolution workflows with the protection of Drobo's patented BeyondRAID™ technology. The 8D is also ideal as primary storage for SMBs requiring reliable, easy to use, high capacity solutions.

Data Protection and Expandability Made Simple

Built on award-winning BeyondRAID™ technology with single- or dual-drive redundancy, Drobo 8D protects your data without any user interaction, even in the event of multiple drive failures.

Drives can be added or hot-swapped and updated in real time for storage expansion with zero downtime. If you're running low on space, the lights on the front tell you what to do. Just add a drive in an empty bay or remove a smaller drive and replace it with a larger one.

Power of Thunderbolt 3

Thunderbolt 3 technology provides lightning fast speed. This optimizes your performance when transferring large volumes of data.

Drobo 8D is equipped with dual Thunderbolt 3 ports for daisy chaining. Connects up to six Thunderbolt devices or five devices and a monitor at the end of the chain.* Supports one

5K monitor display or two 4K monitors. By having 8D arrays in a chain, you can have up to 588 TB of usable capacity and achieve throughput by enabling the bi-directional 40 Gbps performance of Thunderbolt 3.

Intelligent Volume Management

The Drobo 8D features Intelligent Volume Management, the flexibility of manual volume management and the convenience of automated volume management. The 8D allows for the creation of 16 volumes with up to 128TB, with a total storage pool of 256TB. The 8D allows the creation of up to 16 volumes with a maximum 128TB volume size.

Enhanced Time Machine Support

Drobo is compatible with Apple's Time Machine. Time Machine can consume the entire capacity of an external storage system. By utilizing the Drobo Dashboard, you can simply allocate capacity limits for backups and data storage.

Capacity AND Performance

Drobo 8D comes with an Accelerator Bay in a rear mounted slot for an SSD to enable the patented Drobo Accelerator Cache technology. The Drobo Hot Data Cache keeps a copy of your most frequently accessed transactional data so that it can be delivered at blazing –fast speeds, and dramatically accelerates loading large photo libraries and other I/O intensive operations. Optimize your productivity by smoothing out your workflow.

SSDs can also be utilized in the front bays of the Drobo 8D for Data-Aware Tiering, allowing for transactional data to migrate to the SSDs. This ensures that both writes and reads are accelerated.

Drobo Dashboard

Drobo Dashboard is the single tool used to centrally manage all of your Drobo devices. Drobo Dashboard displays status as if all of your Drobos were right in front of you with the same status lights and capacity gauge that are on the front panel. All administration tasks are a single click away.



Power Protecting Your Critical Data

Drobo doesn't just protect you from a drive failure, but also from potential data loss after a power outage. Often found only in arrays that cost tens of thousands of dollars, Drobo 8D includes a battery that protects all data in memory, or cache, that is, data on its way to the drives.

During a sudden power loss, the internal battery keeps the Drobo alive long enough for the data to be written to nonvolatile storage. The battery recharges itself and lasts for the life of the product.

Designed for You

Drobo devices have always been space efficient and the Drobo 8D is no exception. It is designed to provide high capacity, without taking up a lot of your valuable desk space. It is compact because of Drobo's unique carrier-less drive bay design, allowing drives to be installed very close to each other. Includes Thunderbolt 3 cable.

*Some restrictions may apply, for more details go to the Thunderbolt website.

*Laptops and computers with Thunderbolt 2 ports will require an Apple Brand Thunderbolt 3 (USB-C) to Thunderbolt 2 adapter.

Specifications

Connectivity	<ul style="list-style-type: none"> – 2 x Thunderbolt 3 ports; second port for daisy chaining Thunderbolt devices, including one 5K or two 4K displays (macOS only) 	Hardware Features	<ul style="list-style-type: none"> – Carrier-less drive bays – Power fail protection with internal battery – Metal chassis and cover – Rear slot for 2.5" SATA SSD – Hybrid Storage – Automated Data-Aware Tiering – Kensington Lock Port for security (lock not included)
Drives and Expansion	<ul style="list-style-type: none"> – Up to eight (8) 3.5" SATA hard disk drives or solid state drives (sold separately) – One (1) 2.5" solid state drive in the Drobo Accelerator Bay for increased performance (sold separately)* – Drives of any manufacturer, capacity, spindle speed and/or cache can be used. No carriers or tools required – Expandable by adding drives or hot-swapping drives with larger ones. 	Additional Software Features	<ul style="list-style-type: none"> – Hot Data Caching – Drive Spin Down – Dim Lights – macOS Time Machine Support – Intelligent Volume Management
BeyondRAID Features	<ul style="list-style-type: none"> – Thin Provisioning – Instant Expansion – Mixed Drive Size Utilization – Automatic Protection Levels – Single or Dual Disk Redundancy – Virtual Hot Spare – Data-Aware Tiering – Drive Re-ordering 	Size and Weight	<ul style="list-style-type: none"> – Desktop Form Factor – Width: 12.7 in (309.1 mm) – Height: 5.46 in (138.7 mm) – Depth: 14.1 in (358.1 mm) – Weight: 16lb 4oz (7.4 kg) without hard drives or packaging
Management	<ul style="list-style-type: none"> – Drive bay indicator lights, capacity gauge, status lights – Drobo Dashboard version 3.3.0 or later 	Warranty	<ul style="list-style-type: none"> – Two (2) year warranty
Operating System Support	<ul style="list-style-type: none"> – Apple® macOS 10.12 and higher 	Power and Cooling	<ul style="list-style-type: none"> – Internal Power Supply: <ul style="list-style-type: none"> • AC Input – 100-240VAC~3.5A, 50-60Hz • DC Output – 12V, 20.8A, 250W max – Dual, fixed cooling fans – 15W of power to slow charge a Thunderbolt 3 laptop
Environmental Specs	<ul style="list-style-type: none"> – Acoustics – Normal Operation: 30.4 dB – Operating Temperature: 10°C – 35°C (50° – 95°F) – Non-Operating Temperature (storage): -10° – 60°C (14° – 140°F) – Operating Humidity: 5% – 80% 	Certifications	<ul style="list-style-type: none"> – Environmental: RoHS, – Regulatory Compliance for US, Canada, EU, Australia/ New Zealand, Japan, and Korea: FCC Part 15 Subpart B; ICES-003 Issue 6; EN 55024, EN55032, – EN61000-3-2; EN61000-3-3; AS/NZS CISPR 32; VCCI-CISPR 32-2016; KN32; KN 35 – Safety: UL, CB, CAN/CSA-22.2 No. 60950-1
File Systems Supported	<ul style="list-style-type: none"> – macOS: HFS+ 	Box Contents	<ul style="list-style-type: none"> – Drobo 8D – 3.3 ft (1 m) Thunderbolt 3 cable (20 Gbps) – 6 ft (1.8 m) power cord with power supply

How to Choose the Right Drive

Drobo gives you the flexibility to use a wide variety of drive types and capacities. To find out which drive is right, visit www.drobo.com/products/choose-drive

More Information

For more on Drobo's innovative technology, visit www.drobo.com/how-it-works

Read about Drobo BeyondRAID at <https://www.drobo.com/drobo/beyondraid/>

For more resources, visit <http://www.drobo.com/drobo-resources/#testimonials>

Visit the Thunderbolt technology site to learn more about this exciting new way to connect devices at <https://thunderbolttechnology.net>

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* SSDs that require 12V in addition to 5V are supported in the front slots only and not in rear slot cache accelerator bay.



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