

drobo

Drobo 5D



Redefining Professional Storage. Again.

Redesigned from the ground up to meet the data storage needs of today's media creators and demanding professionals, Drobo 5D builds on the fully automated functionality of previous Drobo arrays by adding blazing-fast performance. Leveraging cutting-edge Thunderbolt and USB 3.0 connectivity—along with the innovative use of solid state drives (SSDs)—Drobo 5D is the highest-performing personal storage array on the planet.

Not only is Drobo 5D fast, but it's easy-to-use, expandable, flexible, and protected—exactly what's expected from a Drobo. You can safely store and edit photos and videos as well as store and back up personal data.

Data Protection and Expandability Made Simple

Built on award-winning BeyondRAID™ technology with single- or dual-drive redundancy, Drobo 5D protects your data without any user interaction, even in the event of multiple drive failures.

Drives can be added or hot-swapped on-the-fly for storage expansion with zero downtime. If you're running low on space, the wraparound 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 and Flexibility of USB

Thunderbolt I/O technology provides performance that's up to 5x faster than the previous-generation Drobo S. This allows you to move large amounts of data in a fraction of the time it used to take.

Drobo 5D is equipped with dual Thunderbolt ports for daisy chaining. Connect up to six Thunderbolt devices and/or a non-Thunderbolt monitor at the end of the chain. With six Drobo 5D arrays in a chain, you can have up to 96 TB of usable capacity. And, the bi-directional 10 Gbps performance of Thunderbolt allows all devices in the chain to achieve maximum throughput.

Drobo is the only storage array that offers Thunderbolt AND USB 3.0. This latest generation of USB also offers high-performance connectivity and is backward compatible with any computer running compatible versions of Mac OS X or Windows.

Capacity AND Performance

Data-Aware Tiering technology, usually reserved for business-class storage solutions, is also available in this desktop Drobo. It intelligently uses the high-performance flash in SSDs to accelerate performance of the storage array, allowing applications such as Adobe Premiere and Apple Aperture fast access to data.

If getting the fastest performance possible is your thing, you can also load up every drive bay with SSDs. Drobo gives you the flexibility to choose.

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 5D includes a battery that protects all data in memory, or cache, that is, data on its way to the drives.

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.



When power spontaneously goes away, the battery keeps the Drobo alive long enough for the data to be written to non-volatile 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 5D is no exception. It was designed from the ground up to provide very high capacity without taking up a lot of your valuable desk space. It is compact because of Drobo's unique carrierless drive-bay design, allowing drives to be installed very close to each other.

Drobo 5D is also significantly quieter than previous-generation Drobos due to its tuned, large, variable-speed cooling fan.

Specifications

Drives and Capacity	<ul style="list-style-type: none"> Up to five (5) 3.5" SATA I / II / III hard disk drives or solid state drives (sold separately) and one (1) mSATA solid state drive in the Drobo Accelerator Bay for increased performance Drives of any manufacturer, capacity, spindle speed, and/or cache No carriers or tools required Expandable by adding drives or hot-swapping drives with larger ones 		
Connectivity	<ul style="list-style-type: none"> 2 x Thunderbolt ports; second port for daisy chaining Thunderbolt devices (Mac OS X only) 1 x USB 3.0 port Thunderbolt and USB cables included 	Operating System Support	<ul style="list-style-type: none"> Mac OS X 10.7.x Lion Mac OS X 10.8.x Mountain Lion Windows 7 SP1 32 and 64 bit Windows 8 32 and 64 bit
File System Options	<ul style="list-style-type: none"> Mac OS X: HFS+ Windows: NTFS 	Management	<ul style="list-style-type: none"> Drive bay indicator lights, capacity gauge, status lights Drobo Dashboard version 2.3 or later
BeyondRAID Features	<ul style="list-style-type: none"> Thin Provisioning Instant Expansion Mixed Drive Size Utilization Automatic Protection Levels Dual Disk Redundancy Virtual Hot Spare Data Aware Drive Re-ordering 	Power and Cooling	<ul style="list-style-type: none"> External Power Supply: AC Input: 100 – 240VAC~2A, 50 – 60Hz DC Output: 12V, 12.5A, 150W max Single, fixed, variable speed cooling fan
Additional Software Features	<ul style="list-style-type: none"> Data-Aware Tiering Drive Spin Down Dim Lights 	Hardware Features	<ul style="list-style-type: none"> Carrier-less Drive Bays Power Fail Protection Kensington Lock Port for Security (lock not included)
Size & Weight	<ul style="list-style-type: none"> Desktop Form Factor Width: 5.9 in (150.3 mm) Height: 7.3 in (185.4 mm) Depth: 10.3 in (262.3 mm) Weight: 8.5 lb (without hard drives, power supply, or packaging) 	Box Contents	<ul style="list-style-type: none"> Drobo 5D 2 m (6.6 ft) Thunderbolt cable 2 m (6.6 ft) USB 3.0 cable 1.8 m (6 ft) power cord with power supply Quick Start Card

How to Choose the Right Drive

Drobo gives you the flexibility to use a wide variety of drive types and capacities, but the process of choosing the ideal drive is challenging. To find out which drive is right for the Drobo 5D, visit www.drobo.com/products/choose-drive.php.

More Information

- Visit the Thunderbolt technology site to learn more about this exciting new way to connect devices @ <https://thunderbolttechnology.net/>
- For more on Drobo's innovative technology, visit www.drobo.com/how-it-works/index.php.
- Read about Drobo BeyondRAID @ www.drobo.com/how-it-works/beyond-raid.php.

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