



All New Drobo S - The World's Most Advanced USB 3.0 Array



Say hello to the world's most advanced USB 3.0 array. In addition to blazing fast transfer speeds for creative professionals and small businesses, the all-new Drobo S features USB 3.0 technology that delivers the most expandable, future-proof solution available today. Drobo S offers an unbeatable combination of automated protection, instant and perpetual expansion, and high-performance making it ideal for all of your primary and backup storage needs.

Built on award-winning BeyondRAID™ technology with single- or dual-drive redundancy, Drobo S protects your data without any user interaction, even in the event of multiple drive failures. It can hold up to five hot-swappable drives, for on-the-fly drive capacity expansion with zero downtime.



Your Personal Speed Demon: USB 3.0, eSATA, FireWire 800

Have a need for speed? With the new USB 3.0 interface on the Drobo S, data transfer is up to 50% faster than FireWire 800. USB 3.0 offers backward compatibility with all existing USB 2.0 systems, and the Drobo S features a triple interface with eSATA and FireWire 800 to ensure you'll have a high-performance connection for virtually any system.



Self-Healing Technology

With the self-healing technology now incorporated into Drobo S, your data is safer than ever. Even when sitting idle, Drobo S will continually examine the blocks and sectors on every drive, flagging questionable areas. This preemptive "scrubbing" helps ensure your data is being written only to the healthy areas of your drives, and that your data is always safe. Even if a drive fails, Drobo S keeps your data in the safest state possible, utilizing the available space on the remaining healthy drives.



World's Most Expandable USB 3.0 Array

The new Drobo S is the most expandable USB 3.0 product available today, with "industry first" support for multiple storage volumes that provide capacity up to 32TB and beyond. Only BeyondRAID allows you to instantly expand your capacity by simply adding a drive or replacing the smallest drive with a larger one, even when all five drive bays are full. The unique ability to mix and match drive capacities, brands, and speeds ensures you will be able to take advantage of larger drives as they become available.

What's Stored on Drobo?

Drobo S has the speed to act as your daily, primary hard drive, and the safety and capacity for backup storage of large media and productivity files such as video, photos, music, audio, documents, and spreadsheets. Drobo S is ideal for small business owners, creative professionals, graphic designers, photographers, video editors, educators, home offices, and home media.



Protection from Two Drive Failures

Enable the dual-drive redundancy option to protect your data from failure of up to two hard drives. It's all done with a single click, and without ever losing access to your data. Running out of space? Switch back to single-drive redundancy at any time. Unlike moving between traditional RAID 5 and RAID 6, there's no need to reformat or migrate data off of Drobo S, potentially saving you hours or days of downtime.



Windows, Mac, Linux

Drobo S connects to Windows, Mac, and Linux² systems and supports NTFS, HFS+, EXT3, and FAT32 file formats. Everyone can take advantage of simple, powerful, complete BeyondRAID data protection.



Drobo S Technical Specifications

Product Data and Specification Sheet



Power Modes:

Green:
Power on, Drobo S ready

Yellow:
Standby mode

Red:
Over temperature
Cool down and power cycle to restart

Space Used:

Blue:
0% – 100% of capacity

Data Transfer:

Green:
eSATA, FireWire, or USB Activity

“Actions Required” Indicators:

- Green:**
No action needed. System is healthy.
- Solid Yellow:**
Add or upsize a drive here soon.
Drobo S is 85% full, add more capacity.
- Blinking Green and Yellow:**
Don't remove any drives, operate normally. Drobo S is optimizing data layout. You still can read and write to Drobo S during optimization.
- Solid Red:**
Add or upsize a drive here. Drobo S is over 95% full, add capacity soon!
- Blinking Red:**
Replace this drive, immediately! This hard drive has failed. Depending on capacity, your data could be at risk until you replace this failed drive.

Specifications

- Drives:** Accommodates from one to five 3.5" SATA I / SATA II hard drives of any manufacturer, capacity, spindle speed, and/or cache¹. No carriers or tools required.
- Interface:** USB 3.0 (USB 2.0 compatible), eSATA, FireWire 800 (FireWire 400 compatible)
- Dimensions:** 5.9" wide x 7.3" tall x 10.3" long
- Weight:** 8 lbs. (without power supply, hard drives or packaging)
- Includes:** Drobo S, external power supply (100v-240v) with U.S. 110v power cord, eSATA cable, FireWire 800 cable, USB 3.0 cable, User Guide and Quick Start Card (printed), Drobo Resource CD with Drobo Dashboard application, help files, and electronic documentation.
- System Req's:** Apple Mac OS X 10.5.6 or greater; Microsoft Windows 2003, 2008, XP, Vista, Windows 7, or Linux using EXT3²

Approximate Capacities

Mixed Drive Sizes	Rated Drive Capacity	Space Available For Data With Redundant Protection
■ with 3 drives ³ : 320GB + 500GB + 500GB =	1.3TB	762.3GB space available for protected data
■ with 4 drives ³ : 500GB + 500GB + 750GB + 750GB =	2.5TB	1.6TB space available for protected data
■ with 4 drives: 1TB + 1TB + 1TB + 1TB =	4.0TB	2.7TB space available for protected data
■ with 5 drives ³ : 500GB + 500GB + 750GB + 750GB + 750GB =	3.3TB	2.3TB space available for protected data
■ with 5 drives: 1TB + 1TB + 1TB + 1TB + 1TB =	5.0TB	3.6TB space available for protected data
■ with 5 drives: 2TB + 2TB + 2TB + 2TB + 2TB =	10.0TB	7.3TB space available for protected data

¹ Please visit www.drobo.com/support for current list of drive recommendations.

² Linux support currently in Beta.

³ Mixed Capacities. Approximate capacity examples are illustrative only, go to www.drobo.com/calculator for more information.
Note: Hard drives are sold separately and are not included.