drobo®

Drobo S – Now with eSATA

Meet the new primary and backup storage solution that's perfect for creative professionals and small businesses with "set it and forget it" storage needs. The safe, expandable Drobo® S offers blazingly fast eSATA, and the best data storage experience ever. In addition to eSATA, Drobo S features enhanced FireWire 800 performance and USB 2.0 connectivity. It is a self-managing, self-healing solution ideal for safely storing large files and rapidly growing data.

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: eSATA, FireWire 800, and USB 2.0

Have a need for speed? With the new eSATA interface on Drobo S data transfer is up to 50% faster than FireWire 800. FireWire performance is even up to 25% faster than on previous systems and with enhanced USB 2.0, you'll have the flexibility to connect to almost any system.

Up to 5 Drives of Instant Expansion to 10TB and Beyond

Grow your storage to meet your data capacity needs, with minimal effort. To add capacity, simply insert a new hard drive or replace your smallest drive with a larger one, even when all five drive bays are full. Unlike traditional RAID systems, the BeyondRAID technology found in Drobo S enables you to mix and match capacities, drive brands and speeds. This allows for continuous expansion as drive capacities grow and larger drives become available. With Drobo S, expansion is automatic, instantaneous and access to data is always maintained.

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.

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.

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.

Windows, Mac, Linux

Drobo S connects to Windows, Mac, and Linux[2] systems and supports NTFS, HFS+, EXT3, and FAT32 file formats. Everyone can take advantage of simple, powerful, complete BeyondRAID data protection.

data robotics, inc.

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 cache[1]. No carriers or tools required.
Interface:	eSATA, FireWire 800 (FireWire 400 compatible), and USB 2.0
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 2.0 cable, User Guide and Quick Start Card (printed), Drobo Resource CD with Drobo Dashboard application, help files, and electronic documentation.
System Reqs:	Apple Mac OS X 10.5.6 or greater; Microsoft Windows 2003, 2008, XP, Vista, Windows 7, or Linux using EXT3[2]

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.