drobo

Drobo S

The World's Most Advanced USB 3.0 Storage 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 on the market 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.

Data Protection Made Simple

Built on award-winning BeyondRAID™ technology with single- or dual-drive redundancy, Drobo S protects your data without 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.

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 from the Drobo S, potentially saving you hours or days of 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 that 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 continually examines 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 possible state, utilizing the available space on the remaining healthy drives.

Drobo Dashboard

Drobo Dashboard is the single tool 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 and there's even a built-in data protection tool called Drobo Copy to easily copy data to and from your Drobo. Simply, it's the easiest way to configure and manage storage.

Specifications

Drives		Connectivity	
Drives	• 5 drive bays • 3.5" SATA I / SATA II / SATA III drives	**Connectivity**	• 1 x USB 3.0 port (USB 2.0 compatible) • 1 x FireWire 800 port (FireWire 400 compatible) • 1 x eSATA port
Operating System Support	• Mac OS X 10.5.8 or later, 10.6.8 or later, 10.7.0 or later • Windows 7 SP1, Vista SP1, XP SP3 (all 32 and 64 bit)		
Warranty	• One (1) year warranty in the US or outside the EU or two (2) year warranty in the EU (as provided by EU law)	**Management**	• Drive bay indicator lights, capacity gauge, status lights • Drobo Dashboard version 2.0 or later

Power and Cooling	• External Power Supply:
	  - AC Input - 100-240VAC~2.5A, 50-60Hz
	  - DC Output - 12-17VDC 6.6A & 80W Max
	• Power Consumption
	  - Idle System (standby, drives off): 12 watts
	  - Typical Busy System (4 drives): 56 watts
	• Single, fixed cooling fan
		Environmentals	• Acoustics - Normal Operation: 31.8 dB
			• Operating Temperature: 10°C – 35°C (50° – 95°F)
			• Non-Operating Temperature (storage): -10° – 60°C (14° – 140°F)
			• Operating Humidity: 5% – 80%

Size & Weight	• Width: 5.9 in (150.3 mm) • Height: 7.3 in (185.4 mm) • Depth: 10.3 in (262.3 mm) • Weight: 8 lb (without hard drives, power supply, or packaging)	**Hardware Features**	• Carrier-less drive bays • Kensington lock port for security (lock not included)
Box Contents	• Drobo S • 6 ft USB 3.0 cable, 6 ft FireWire 800 cable, 6 ft eSATA cable • 6 ft power cord with power supply (100 – 240V AC, 50/60 Hz) • Quick Start Card & Getting Started Guide (printed) • Drobo Resource CD, which includes Drobo Dashboard application • Drobo PC Backup CD	**Certifications**	• Environmental: RoHS, WEEE, REACH • Regulatory: FCC Part 15 Class B; Canada ICES-003 Class B; CE Mark; CISPR22:19973rd Edition Class B; MIC Mark; VCCI Approval to V.3; BSMI Approval to CNS13438; ACA Approval to AS/NZS 3548 • Safety: UL, cUL, TUV, CB

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 S, visit **www.drobo.com/products/choose-drive.php.**

Capacity Calculator

Use an interactive Drobo Capacity Calculator to estimate the amount of data storage available in the Drobo S.
Visit **www.drobo.com/products/capacity-calculator/index.php.**

More Information

For more on Drobo, including a demo video, visit **www.drobo.com/how-it-works/index.php**.
Read about Drobo BeyondRAID @ **www.drobo.com/how-it-works/index.php.**
Ready to buy? Ask your preferred reseller or visit **www.drobo.com/where-to-buy/index.php.**