drobo

Drobo B800i

Easiest-to-Use iSCSI Array on the Market Today

Built on proven BeyondRAID™ technology, the Drobo B800i redefines IT economics by delivering award-winning iSCSI SAN storage and advanced capabilities usually reserved for more expensive enterprise solutions. All of these features are delivered in a product as easy to use as a Drobo.

The Drobo B800i is optimized for small businesses to provide reliable and high performance storage to servers running applications like file services, data protection, email, and server virtualization. It integrates seamlessly into your TCP/IP network infrastructure and utilizes the industry-standard iSCSI protocol to provide simple, consolidated storage for your servers.

BeyondRAID Technology

A Drobo B800i iSCSI array can hold up to 32TB of raw storage and beyond. To add capacity, simply insert a new hard drive or replace your smallest drive with a larger one, even when all drive bays are full. Unlike traditional RAID, the BeyondRAID technology in Drobo enables you to leverage different drive capacities, allowing for continuous expansion as larger drives become available. With Drobo, expansion is automatic and instantaneous and access to data is always maintained, all while protecting you from two simultaneous drive failures.

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 is no need to reformat or migrate data from the Drobo B800i, potentially saving you hours or days of downtime

Smart Volumes and Thin Provisioning

Create new volumes up to 16TB in seconds and manage them over time with ease. The innovative and timesaving Smart Volume management technology with Thin Provisioning integrated into the Drobo B800i allows volumes to pull storage from the common pool of disks rather than a specific physical disk allocation. The labor of resizing and migrating volumes is replaced with the simplicity of intelligent engineering.

Optimizing Business Applications

Similar to business applications, Drobo is ideal for building your first scalable backup server or server virtualization cluster. It has been certified for Symantec Backup Exec, Veeam Backup and VMware vSphere.

Rack Mount Ready, Desktop Quiet

Drobo B800i can be deployed in a server room for IT use or on a desktop for workgroup sharing of storage, thanks to its compact design and quiet operation. Dual smart fans automatically manage their speeds to optimize cooling and minimize operating noise. (Drobo B800i rack mount sold separately.)

Drobo Dashboard

Drobo Dashboard is the single tool to centrally manage all of your Drobo units. 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. Simply, it's the easiest way to configure and manage business-class storage.

Specifications

Drives	– 8 drive bays – 3.5" SATA I / SATA II / SATA III drives	Connectivity	2 x 10 / 100 / 1000 Mbps Ethernet port (iSCSI) 1 x USB 2.0 port (for initial configuration only)
Operating System Support	– Mac OS X 10.6 or higher – Windows 8/8.1, Windows 7, Windows XP SP3 (all 32 and 64 bit); Windows Server 2012, Windows Server 2008 R2, Windows Server 2003 (all 32 and 64 bit) – VMware vSphere 4.1.x (ESX)		
Ethernet Features	– Connection failover – Jumbo frames (up to 9000 bytes MTU)	**Network Protocols**	– iSCSI – CHAP Authentication
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	– Internal Power Supply: AC Input - 100/240 VAC, 1.8/0.75 A, 50/60 Hz
	– Power Consumption
	  • Idle System (standby, drives off): 13 watts
	  • Typical Idle System (drive spin down mode, 8 drives): 25 watts
	  • Typical Busy System (4 drives): 82 watts
	– Dual, fixed cooling fans
		File System Options	Up to 255 smart volumes supporting:
			– Windows: NTFS, FAT32
			– Mac OS X: HFS+
			– VMware vSphere: VMFS

Size & Weight	Width: 12.17 in (309.1 mm) Height: 5.46 in (138.7 mm) Depth: 14.1 in (358.1 mm) Weight: 16 lb 3 oz (without hard drives or packaging)	**Environmentals**	– 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%
Box Contents	– Drobo B800i – 6 ft USB 2.0 cable, 2 x 6 ft Ethernet cables – 6 ft power cord – Quick Start Card & Getting Started Guide (printed) – Drobo Resource CD, which includes Drobo Dashboard application	**Certifications**	– Environmental: RoHS, WEEE, REACH – Regulatory: FCC Part 15 Class A; 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 B800fs, visit **www.drobo.com/products/choose-drive**.

Capacity Calculator

Use our interactive Drobo Capacity Calculator to estimate the amount of data storage available in the B800fs at **www.drobo.com/products/capacity-calculator**.

More Information

Learn more about Drobo, including a demo video at **www.drobo.com/how-it-works**.

Read about Drobo Technology Innovation at **info.drobo.com/ebook**.

Ready to buy? Ask your preferred reseller or visit **www.drobo.com/where-to-buy**.