

DroboPro FS

The Ultimate All-in-One for Small Business



Keeping your small business running smoothly just got a whole lot easier. DroboPro FS was specifically designed to address the file sharing and offsite backup needs of small businesses and combines the “plug and share” simplicity of the award-winning Drobo FS with the all-new Drobo Sync feature for automated offsite backup. DroboPro FS is perfect for any small office environment that needs a simple, safe device for sharing and backing up files over the network. Like all Drobo storage products, DroboPro FS provides redundant data protection without the complexities of RAID. Simply plug DroboPro FS into the network, and your data is automatically protected with no configuration required. We call this BeyondRAID technology. You’ll call it peace of mind.

Redundant Gigabit Ethernet



DroboPro FS provides two Gigabit Ethernet ports for connecting directly to your network. Flexible configurations support standalone mode for dedicated tasks or network protection mode for ensuring high availability of data.

Supports the Computer of Your Choice



DroboPro FS supports standard network protocols (AFP and CIFS) allowing access to data from any Windows, Mac, or UNIX/Linux client²

Instant Expansion to 16TB and Beyond



DroboPro FS holds up to eight drives allowing you to effortlessly increase its capacity to meet your growing storage needs. To add more space, simply insert a new drive or replace the smallest drive with a larger one – even when all drive bays are full. Newly added storage is available for use within minutes as opposed to waiting hours or days with traditional RAID. In addition to instant expansion, BeyondRAID allows you to mix and match drive capacities, brands, and speeds. This unprecedented flexibility allows for perpetual expansion as hard drive capacities increase.

Backup Your Network



DroboPro FS is the perfect backup appliance. Use the free Drobo Copy utility to create backups for every machine on your network, or use your favorite backup software. Seamless integration with Apple’s Time Machine makes DroboPro FS ideal for backing up multiple Macintosh computers.

Automated Offsite Backup



Every DroboPro FS includes the new Drobo Sync feature that will automatically backup all data to another DroboPro FS. Drobo Sync is both efficient and flexible, only transmitting portions of files that have changed and allowing backups to be conveniently scheduled. Files in the backup are automatically verified to be accurate copies from the source and Drobo Sync can be easily configured to connect over a VPN for secure backup to a remote location.

No Headache Dual Drive Redundancy



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 you never lose access to your data. Running out of space? No problem. Switch back to single drive redundancy at any time. Unlike moving between traditional RAID levels, there’s no need to reformat or migrate data off of the DroboPro FS, potentially saving hours or days of downtime.

Self-Healing Technology



With self-healing technology built into DroboPro FS, your data is safer than ever. When idle, blocks and sectors on every drive are proactively examined to ensure your data is being written only to healthy areas of the drives. In the event of a drive failure, DroboPro FS will automatically put the data back into a protected state by utilizing the available space on the remaining healthy drives.

What is BEYONDRAID™ ?

BeyondRAID leverages the same underlying data protection methodologies as traditional RAID, including mirroring and striping with parity; however, BeyondRAID applies these algorithms on top of a robust and flexible storage virtualization platform. This allows for the removal of the limitations and drawbacks normally associated with RAID.

Key benefits of BEYONDRAID™ :

- Automatically protects data against hard drive failure
- Supports any hard drive regardless of capacity
- Instantly expands capacity without downtime
- Self-management and automatic healing

DroboPro FS Technical Specifications



Space Used:

Blue:
0% - 100% of capacity used

Data Transfer:

Green:
Drive Activity

Power Modes:

Green:
Power on, DroboPro FS ready

Yellow:
Standby mode

Red:
Over Temperature
Cool down and power cycle to restart

"Actions Required" Indicators:



Green:
No action needed.
System is healthy.



Solid Yellow:
Add or upsize a drive
here soon.
DroboPro FS is 85% full,
add more capacity.



Blinking Green and Yellow:
Don't remove any drives,
operate normally.
DroboPro FS is optimizing data
layout. You still can read and
write to DroboPro FS during
optimization.



Solid Red:
Add or upsize a drive here.
DroboPro FS 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 eight 3.5" SATA I / SATA II hard disk drives of any manufacturer, capacity, spindle speed and/or cache. No carriers or tools required
Interfaces:	2x 10/100/1000 Ethernet ports
Dimensions:	12.17" width x 5.46" height x 14.1" length DroboPro FS Rack Mount (SKU: DRPR1R11) sold separately (3U high in a standard 19" rack)
Weight:	16 lbs. 3 ozs. (without hard disks or packaging)
Operating Environment:	Operating temperature: 10°C-35°C (50°-95°F); Non-operating (storage): -10°-60°C (14°-140°F); Altitude (operating): 2,438 m (8,000 ft.); Operating humidity: 5% - 80%
Power:	AC Input: 100/240 VAC, 1.8/0.75 A, 50/60 Hz; Idle system (standby, drives off): 13 watts; Typical idle system - idle, drive spin down mode (eight drives): 25 watts; Typical busy system (eight drives): 82 watts
Cables Included:	2x Ethernet (1 x 6') and power (1 x 6')
Software:	DroboPro FS Resource CD with Drobo Dashboard (Windows and Mac OS X), Drobo Copy, Drobo Sync ¹ , Help files and electronic documentation. Supports selected DroboApps (visit www.drobo.com/droboapps for more details).
Supported File Protocols:	AFP and CIFS/SMB
System Requirements:	Microsoft Windows XP (Service Pack 3), Vista (Service Pack 1), Windows 7, Server 2003, and Server 2008; Apple's Mac OS X 10.5.6 or greater; Unix/Linux client that can connect via CIFS/SMB ²



¹ Drobo Sync will be available as a Free Download in mid November, 2010.

² UNIX/Linux clients can connect via CIFS/SMB. NFS and Linux Dashboard are available via DroboApps. Please visit www.drobo.com/droboapps for more information.



(DroboPro FS Rack Mount sold separately)