drobo

Drobo 5C

Drobo 5C: World's First Self-Managing USB-C Storage Solution

Drobo 5C, a 5 bay storage solution is designed from the ground up using Drobo's BeyondRAID™ technology to be an affordable, secure storage solution for everyone. It includes the state-of-the-art USB Type-C connector for a simple way to attach Drobo to the computer.

It includes a 64TB volume size, protects data against hard drive failures and sudden power outages, while also using advanced self-healing. By creating a second volume it will protect your computer's operating system and application files.

Protection From Drive Failure

Drobo 5C protects your data from a single, or dual hard drive failures. In the case of a failed drive, Drobo will immediately rebuild data using remaining available space. In the background, Drobo performs "data scrubbing and self-healing", which means it validates your data and repairs any inconsistencies.

Power Protecting Your Critical Data

Drobo doesn't just protect against drive failures, but also from potential data loss after a power outage. Drobo 5C includes advanced battery backup technology that protects data in memory or cache. During a sudden power loss, Drobo protects in-progress operations by saving in progress operations to an internal SSD. The operations are resumed and written to the disks once power is restored. This ensures important information is safe and sound. The battery recharges itself and is designed to last for the life of your Drobo.

Economical Capacity Expansion

Drobo 5C supports a 64TB volume size, however, allows for expansion into this size. You can grow in to this, and provide only the capacity you need today. When more storage space is needed, simply add another drive, or replace a drive with a larger one. Drobo allows you to mix and match hard drives of any size or brand. This empowers you to buy the best drive at the best price when you need more space; instead of paying today for capacity you will not need until the future.

Second Volume for Backups or Full Disk Encryption

Drobo 5C allows for a second, fixed volume size. Drobo limits the amount of storage space you specify for the second volume. The rest of the capacity is available for storing other files.

Two ways to use a second volume:

1. Apple's Time Machine: Specify the maximum size Time Machine can use for its versioned backups. This solves the problem of Time Machine slowly consuming all space on a drive.

2. Encrypted Hard Drive: Some information requires additional protection. A second volume can create an encrypted disk using Windows and OS X / macOS tools. Access to sensitive data is password protected.

Simple Setup – No Tools Needed

With Drobo 5C, hard drives slide right into the drive bays. No metal drive carriers, assembly screws necessary. The Drobo chassis is uniquely constructed of metal and the magnetic front cover is easy to install or remove.

As Easy as Reading a Traffic Light

Lights on the front show alerts of what's happening, easy as reading a traffic light. Green, yellow or red lights show the drive status. Each blue LED light along the bottom, represents 10% utilization, showing how much capacity is consumed. Unsure of what the lights mean? Simply take off the uniquely designed magnetic cover and all the information can be found on the back.

Drobo Dashboard

Drobo Dashboard is the single tool to centrally manage all of your Drobos. 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..

"Actions Required" Indicators

Green
No action needed
System is healthy.

Solid Yellow
Add or upsize a drive here soon
Drobo is over 85%

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

Solid Red
Add or upsize a drive here now
Drobo is over 95%

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

Connectivity	– 1 x USB 3.0 port, Type-C	**Hardware Features**	– Carrier-less drive bays – Power fail protection with internal battery – Metal chassis and cover – Kensington Lock Port for security (lock not included)
Drives and Expansion	– Up to five (5) 3.5" SATA II/III hard disk drives or SSDs (sold separately). – Drives of any manufacturer, capacity, spindle speed and/or cache can be used. No carriers or tools required. – Expandable by adding drives or hot-swapping drives with larger ones.	**Additional Software Features**	– Drive Spin Down – Dim Lights – macOS Time Machine Support
BeyondRAID Features	– Thin Provisioning – Instant Expansion – Mixed Drive Size Utilization – Automatic Protection Levels – Single or Dual Disk Redundancy – Virtual Hot Spare – Data Aware – Drive Re-ordering	**Warranty**	– One (1) year warranty in the US or outside the EU or two (2) year warranty in the EU
Management	– Drive bay indicator lights, capacity gauge, status lights – Drobo Dashboard version 2.8.3 or later	**Size and Weight**	– Desktop Form Factor – Width: 5.9 in (150.3 mm) – Height: 7.3 in (185.4 mm) – Depth: 10.3 in (262.3 mm) – Weight: 8.5 lb. (3.9 kg) without hard drives, power supply or packaging

Operating System Support	– Apple® Macintosh® macOS 10.10 and higher
	– Microsoft® Windows® 10
	– Microsoft® Windows® 8
	– Microsoft® Windows® 7
		Power and Cooling	– External Power Supply:
			  • AC Input – 100-240VAC~2A, 50-60Hz
			  • DC Output – 12V, 10A, 120W max
			– Fixed, 120mm variable speed cooling fan

File Systems Supported	– Apple® macOS: HFS+ – Microsoft® Windows: NTFS	**Box Contents**	– Drobo 5C – 3.3 ft. (1 m) USB 3.0, Type-A to Type-C cable – 9.3 ft. (2.8 m) power cord with power adaptor – Quick Start Card

How to Choose the Right Drive

Drobo gives you the flexibility to use a wide variety of drive types and capacities. To find out which drive is right, visit **www.drobo.com/products/choose-drive**.

More Information

Drobo's innovative technology at **www.drobo.com/how-it-works**.

Read Drobo BeyondRAID at **www.drobo.com/how-it-works/beyond-raid**.