

We've Created What We Consider to Be The Perfect Transportable External Hard Drive

Take 90 Seconds to See if You Agree...

❖ PATENTED SHOCK AND VIBRATION PROTECTION

Most external hard drives are too fragile to be moved around due to insufficient shock & vibration protection. This transportable hard drive changes all that with industry-leading 1200 Gs of shock protection (425% higher than most other external hard drives).

❖ LONG OPERATIONAL LIFE

This transportable hard drive is built to be highly reliable, and is backed by a 3-year warranty that even covers accidental drops.

❖ HIGH CAPACITY

Capacities range up to 750GB per drive - Eliminate piles of media and consolidate data.

❖ HIGH PERFORMANCE DATA TRANSFER

USB 2.0 - 30 MB/s sustained, Firewire - 35 MB/s sustained, Serial ATA - Over 45 MB/s sustained.

❖ UNIQUE HANDHELD DESIGN

Compact design is stackable and stands vertically. Over 40% smaller than other similar capacity drives and about the size of a VHS tape.

❖ AWARD-WINNING BACKUP SOFTWARE

USB, Firewire and SATA cable kits include award winning EMC® Insignia® Retrospect Express backup software for easy and efficient data backups.

❖ PLUG & PLAY - EASE OF USE

Use with Windows 2000/XP/Vista, Macintosh OS 8.6+, or Linux OS

❖ 5.25" DOCKING BAY OPTION

The 5.25" Docking Bay allows for push-button ejection of Mobile DataVault hard drives. Mounts in any standard 5.25" slot, and is available with IDE, USB 2.0, or SATA connectivity.



AVAILABLE IN THE FOLLOWING CAPACITIES:

160, 250, 500, 750 GB

APPLICATIONS

- ❖ **Backup & Disaster Recovery**
Shock & vibration protection for backup, rotation & offsite archiving of business-critical data.
- ❖ **Transportable Storage**
Perfect for mobile computing applications.
- ❖ **Transferring or Moving Data**
Versatile interface allows for interchangeable connection to PCs, Macs and Linux based systems. Patented shock & vibration protection allows for safe transport and shipping.
- ❖ **Archival Storage**
Safe storage for digital media, photography, music & important data.
- ❖ **Mobile Video Surveillance**
Fast, reliable storage for storing mobile video data.
- ❖ **Additional Storage**
Scalable, removable storage to easily increase capacity.
- Custom Applications**
 - ❖ Use this hard drive in a 5.25" docking bay, 19" rackmount, or tower – see back of datasheet for examples.

PRODUCT SPECIFICATIONS

Mobile DataVault 3DX Transportable External Hard Drive*

Specifications may vary based on drive capacity & are subject to change.

General Characteristics	3DX
Capacity	160/250/500/750 GB
Corresponding Buffer Size	8 MB/8MB/16 MB/16 MB
Physical Dimensions	1.40 in x 4.45 in x 7.50 in
Weight	1.85 lbs
Interface	Mini-Centronics
Connectivity Options	USB 2.0/Firewire/eSATA/SATA cables* or 5.25" Docking Bay
Rotational Speed	7200 RPM
Avg Seek Time Read	8.5 ms
OS Compatibility	Windows 2000/XP/Vista Mac OS 8.6+, Linux OS
Power	
Supply Voltage	+12 Vdc (+10%/-8%), +5 Vdc (± 5%)
Startup Current (max)	2.8 A (+12 V); 1.1 A (+5 V)
Idle	9.0 W
Shock (Half-Sine Wave)	
Operating	150 G (2.0 ms)
Non-Operating	1,200 G (2.0 ms)
Vibration (Half-Sine Wave)	
Operating (rms)	0.75 G (22-350 Hz)/0.38 G (350-500 Hz)
Non-Operating (rms)	1.50 G (22-500 Hz)
Environmental Characteristics	
Operating:	
Amb. Temperature (C)	0 to +60
Rel. Humidity (non-cond.)	5% - 90%
Altitude (ft)	-200 to +10,000
Non-Operating:	
Amb. Temperature (C)	-40 to +70
Rel. Humidity (non-cond.)	5% - 95%
Altitude (ft)	-200 to +40,000
Reliability	
Error Rate (Non-Recoverable)	1 in 10 ¹⁴
Start/Stops (at 40° C)	50000
Warranty	
	3-Years

* Requires Mobile DataVault cable (which has mini-centronics port on one side)

Ultra-Versatile Connectivity Options

This product can be used *interchangeably* with any of the following cable kits and/or docking bay:

USB 2.0 CABLE

Burst Transfer Rate: 480 Mbps

eSATA & SATA CABLES

Burst Transfer Rate: 1,200 Mbps

FIREWIRE CABLE

Burst Transfer Rate: 400 Mbps

5.25" DOCKING BAY

Docking Bay Connectivity Options:
IDE, USB 2.0, Firewire or SATA



USE IN RACKMOUNT & MOBILE TOWERS

High Capacity Internal/Desktop Removable Hard Drive Solutions



Large Capacity, 2-5 Bay Desktop Tower with RAID, Separate Volume or Hybrid Configurations Available

Large Capacity, 2-10 Bay 19" Rackmount with RAID, Separate Volume or Hybrid Configurations Available



Also Available: Mobile DataVault 2LX Ultra-Rugged Hard Drive which survives 7 foot drops on concrete.

Customized Solutions Available – Call Us

Contact information is below.

Visit www.olixir.com for new product updates, additional specs, applications, case studies, and promotions.



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