

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 2-year warranty. Optional extended warranty and replacement coverage available.
- ❖ **HIGH CAPACITY**
Capacities range up to **2TB** per drive – Eliminate piles of media and consolidate data.
- ❖ **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 OPTION**
USB kit includes award winning Retrospect backup software for easy and efficient data backups.
- ❖ **PLUG & PLAY – EASE OF USE**
Use with Windows XP+, Macintosh OS 8.6+, or Linux OS
- ❖ **USB 2.0 CABLE OR 5.25" DOCKING BAY CONNECTIVITY**
The 5.25" Docking Bay allows for cable-free usage and locks for additional security of Mobile DataVault hard drives. Mounts in any standard 5.25" slot in a rack or tower, and is available with IDE, USB 2.0, or SATA connectivity. Mix and match with other Mobile DataVault drive products!
- ❖ **OPTIONAL ENVIRONMENTAL FILTER**
Dust and splash resistant environmental filter for use in harsh conditions.



ENERGY EFFICIENT DRIVES AVAILABLE

AVAILABLE IN THE FOLLOWING CAPACITIES:

1TB, 2TB

ENCRYPTION COMING SOON:

FIPS 140-2 Level 2 & 3 (Level 1 available now)

APPLICATIONS

- ❖ **Backup & Disaster Recovery**
Shock & operational vibration protection for backup, rotation & offsite archiving of 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	1TB, 2TB
Respective Buffer Size	Varies, Call Us!
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 Cable* or 5.25" Docking Bay
Respective RPM	5900 or 7200
OS Compatability	Windows XP+, 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 (22-350 Hz), 0.75G (350-500 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	
	2 Years Optional 2-year extended warranty & replacement coverage is available.

* 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 CABLES

Burst Transfer Rate: 480 Mbps



5.25" DOCKING BAY

Docking Bay Connectivity Options:
 IDE, USB 2.0, or SATA
 Locks for additional security.



USE IN RACKMOUNT & MOBILE TOWERS

High Capacity Internal/Desktop Removable Hard Drive Solutions



Large Capacity Desktop Tower with RAID, Separate Volume or Hybrid Configurations Available



Large Capacity 19" Rackmount with RAID, Separate Volume or Hybrid Configurations Available



MIL-STD-810F Racks Optional

Also Available: New USB 3.0/eSATA External Removable Drives with up to 4TB capacity.

Customized Solutions Available – Call Us

- Contact information is below.
- Visit www.olixir.com for new product updates, additional specs, applications, case studies, and promotions.
- RAID Compatible Hard Drives:** Certain rack and tower systems may require a specific model Mobile DataVault hard drive. Please call for details.



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