



Available now via "GSA Contract GS-35F-0538P"

Most External Hard Drives Won't Protect Your Data From "Knocks, Jars, or Bumps"

Our Handheld Ultra-Rugged Transportable Hard Drive Survives Numerous Drops From Up To 7 Feet Onto Concrete

MILITARY-GRADE SHOCK & VIBRATION PROTECTION

Utilizing patented (over 10,000 Gs) shock protection, this drive withstands numerous drops from 7 feet and over **75 drops** from 3-6 feet onto concrete. Certified to exceed the MIL-STD-810F Transit Drop Test (Method 516, Proc. IV). Offers excellent operational vibration protection for mobile applications.

LONG OPERATIONAL LIFE

This ultra-rugged 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 **160GB** 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.

LIGHTWEIGHT, SMALL & COMPACT DESIGN

Weighs just 12 ounces and is about the size of a VHS tape. Compact design is stackable and stands vertically.

PLUG & PLAY - EASE OF USE

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

BUS-POWERED

No separate power supply required*; Power is supplied to the drive via Mobile DataVault USB 2.0 or Firewire cables.

* Some exceptions apply - see back

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.

Exceeds MIL-STD-810F Transit Drop Test!



AVAILABLE IN THE FOLLOWING CAPACITIES:

60, 80, 100, 120, 160, 250GB

NEW! Extreme Series Mobile DataVault 2LE

See specs on back for details

APPLICATIONS

- **Military / Field Applications**
Perfect for harsher mobile computing environments that require ultra-ruggedness and extreme protection.
- **Backup and Disaster Recovery**
Highest level of shock and vibration protection for backup, rotation and offsite archiving of critical data.
- **Transferring or Moving Data**
Versatile interface allows for interchangeable connection to PCs, Macs and Linux based systems. Patented shock and vibration protection allows for safe transport and shipping.
- **Critical Storage**
Safe storage for business- and mission-critical data, digital media, photography, music and other important data.
- **Custom Applications**
Use this hard drive in a 5.25" docking bay, 19" rackmount, or tower.

See back of datasheet for more information.



PRODUCT SPECIFICATIONS

Mobile DataVault 2L Ultra-Rugged Transportable Hard Drives*

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

General Characteristics	2LX	2LE
Capacity (GB)	80/100/120/160/250	60/80 GB
Physical Dimensions	1.40 in x 4.45 in x 7.50 in	
Weight	12.5 oz	
Interface	Mini-Centronics	
Connectivity Options	USB 2.0/Firewire/eSATA/SATA cables* or 5.25" Docking Bay	
Rotational Speed	5400 or 7200 RPM	5400 RPM
Buffer Size	8 MB	
Avg Seek Time Read	12.5 ms (5400 RPM); 10.5 ms (7200 RPM)	
OS Compatability	Windows 2000/XP/Vista, Mac OS 8.6+, Linux OS	
Power	2LX	2LE
Supply Voltage	+5 V (± 5%)	
Bus-Powered Operation	Yes (with exceptions**) using USB 2.0 & Firewire cables	
Startup Current (max)	1.0 A (+5 V)	1.55 A (+5 V)
Idle	.60 W	
Shock (Half-Sine Wave)	2LX	2LE
Operating	1,750 G (2.0 ms)	
Non-Operating	11,000 G (0.3ms)	
	Exceeds MIL-STD-810F Transit Drop Test, Method 516, Proc. IV	
Vibration (Half-Sine Wave)	2LX	2LE
Operating	1.5 G (5-500 Hz)	3.0 G (5-500 Hz)
Non-Operating	7.5 G (5-500 Hz)	
Environmental Characteristics	2LX	2LE
Operating:		
Amb. Temperature (C)	0 to +55	-20 to +75
Rel. Humidity (non-cond.)	5% - 90%	
Altitude (ft)	-1,000 to +10,000	-1,000 to +16,400
Non-Operating:		
Amb. Temperature (C)	-40 to +65	-40 to +85
Rel. Humidity (non-cond.)	5% - 95%	
Altitude (ft)	-1,000 to +40,000	
Reliability	2LX	2LE
Error Rate (Non-Recoverable)	1 in 10 ¹⁴	
Start/Stops (at 40° C)	600,000	
Warranty	3-Years	

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 3DX Transportable Hard Drive, featuring 160-750GB 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.

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

** Bus-Power always requires a USB/Firewire host port with sufficient power for the hard drive. Also, some 2LX/E models require a power cable regardless, which is included with all cable kits sold. Please contact Olixir to verify the models that are known to run via bus-power.



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