

We've Created What We Consider To Be

# The Perfect Military-Grade External & Removable Flash Drive

Take 90 Seconds to See If You Agree...

## ...❖ **MILITARY-GRADE SHOCK & VIBRATION PROTECTION**

Utilizing Olixir's exclusive patented technology, this flash drive provides exceptional operational vibration & shock protection, in excess of MIL-STD-810F standards.

## ...❖ **LONG OPERATIONAL LIFE**

This ultra-rugged flash drive offers superior reliability compared to commercial flash drives, and is backed by a 3-Year warranty.

## ...❖ **HIGH TOLERANCE TO HARSH ENVIRONMENTAL CONDITIONS**

Operates to 120,000 foot altitude, and -40 to +85 C temperatures.

## ...❖ **HIGH CAPACITY**

Capacities range up to **128GB** 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 under 12oz and is about the size of a VHS tape. Compact design is stackable and stands vertically. Extremely quiet & low power operation.

## ...❖ **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 Docking Bay allows for cable-free usage & easy ejection of Mobile DataVault 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!



## **AVAILABLE IN THE FOLLOWING CAPACITIES:**

8, 16, 32, 64, 128 GB

## **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 flash drive in a 5.25" docking bay, 19" rackmount, or tower.

See back of datasheet for more information.

## PRODUCT SPECIFICATIONS

### Mobile DataVault FMX Max-Rugged Flash Drive\*

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

#### General Characteristics

Capacity	8 / 16 / 32 / 64 / 128
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
Avg Seek Time Read	TBD
OS Compatibility	Windows 2000/XP/Vista, Mac OS 8.8+, Linux OS

#### Power

Supply Voltage	+5 V (± 5%)
Bus-Powered Operation	Yes (with exceptions**) using USB 2.0 & Firewire cables

#### Shock (Half-Sine Wave)

Operating	6,000 G (2.0 ms)
Non-Operating	> 12,000 G (0.3ms)

#### Vibration (Half-Sine Wave)

Operating	80 G (5-500 Hz)
Non-Operating	TBD

#### Environmental Characteristics - Operating:

Amb. Temperature ( C)	-40 to +85
Altitude (ft)	-1,000 to +120,000

#### Environmental Characteristics - Non-Operating:

Amb. Temperature ( C)	TBD
Altitude (ft)	TBD

#### Reliability

Data	10 Years
MTBF	1,000,000 Hours

#### 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/Flash 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](http://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)

\*\* Requires USB/Firewire host port with sufficient power for the drive. Some models require power cable. A separate power cable is included with cable kits if bus power requirements cannot be met. Please contact Olixir to verify models that are known to run via bus power.



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