

# E-Disk<sup>®</sup> Altima<sup>™</sup>

## 2.5" SCSI Narrow SSD

E-Disk<sup>®</sup> Altima<sup>™</sup> SSDs set the standard for rugged and reliable data storage in extreme environments.



BiTMICRO<sup>®</sup> follows a rigorous testing procedure to deliver the highest quality, military-grade products. E-Disk Altima SSDs are tested to withstand extreme temperatures, shock, vibration, humidity, and altitudes.

Powered by the BiTMICRO EDSA<sup>™</sup> flash I/O controller and LUNETATA<sup>™</sup> memory flash interface ASICs, E-Disk Altima SSDs boost system performance by eliminating seek time and latency for faster I/O and sustained transfer rates.

### Applications

E-Disk Altima SSDs are ideal for military and industrial applications such as:

- Intelligence, Surveillance & Reconnaissance (ISR)
- Aviation & Avionics
- Industrial & Embedded
- Pipeline Inspection
- Medical Equipment
- Industrial Automation

### Features

- Superior Ruggedness
- Low Voltage Detection
- SecurErase<sup>®</sup> Military Sanitization

## Product Specifications

### Physical

Form Factor	2.5"
Mounting	HDD standard, all orientations
Connector	50-pin 2.00 mm 2.5" connector
Dimensions (L x W x H)	3.955" x 2.75" x 0.374"
Weight	3.016 oz. to 9.065 oz.

Note: Size and weight numbers are approximate.

### Capacity

SLC	20 GB to 300 GB
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Note: Usable capacity.

### Performance

Burst Rate	20 MB/s
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### Power

Voltage	5V DC ( $\pm 5\%$ )
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### Reliability

Error Correction	Corrects 9 bits per 528 B
Write Endurance	6.74 years @ 100 GB/day write/erase cycles (20 GB drive)

### Environmental

Operational Temperature	Commercial: 0 to 70 °C Industrial: -40 to 85 °C
Maximum Temperature Change Rate	3 °C/min
Altitude	-1,200 to 120,000 ft
Humidity	5 to 95% (non-condensing)
Shock	1,500 G
Vibration	16.4G rms

### Security

SecurErase Standard Compliance	NISPOM DoD 5220.22-M NSA 130-2 Air Force AFSSI 5020 Army 380-19 IRIG-106 NISPOMSUP AFSSI 5020/2003 AFSSI 5020/2003 CLR NSA 9-12
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### Warranty

Standard	1 year
Extended (Optional)	Up to 5 years

### For more Information

Email: [sales@bitmicro.com](mailto:sales@bitmicro.com)

Call: +1 (888) 72-FLASH