

e-disk® Altima™ 2.5” SCSI Narrow SSD

Think hard.

When it comes to ruggedness, no drive beats e-disk Altima. You can truly take your data anywhere.

E-disk Altima SSDs set the standard for reliable data storage in extreme environments. E-disk Altima SSDs operate under extreme temperatures, shock (1,500 Gs), vibration (16.4 Grms), humidity (5%-95%) and altitude (120,000 ft).

Powered by BITMICRO's EDSA™ flash I/O controller and LUNETATM 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.

BITMICRO provides the highest quality of service you'll experience. Our sales & support teams understand the development cycle and work to service you through your entire project and long after our product has even been deployed in the field.

Applications

E-disk Altima SSDs are ideal for military and industrial applications such as: ISR, aviation & avionics, industrial & embedded, pipeline inspection, medical equipment, and industrial automation.

Features

- Extreme ruggedness
- Low Voltage Detection
- SecurErase® Military Sanitization



Environmental

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

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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For Information...

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Call: +1 (510) 743-3475
Fax: +1 (510) 623-2342

e-disk[®] Altima[™] 2.5" SCSI Narrow SSD

Additional Specifications

Physical

Form Factor	2.5"
Mounting	HDD standard, all orientations
Connector	50-pin 2.00mm 2.5" connector
Size (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. Contact your sales representative for specific measurements and tolerances for your configuration.

Capacity

SLC	8 to 300 GB
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Performance

Burst Rate	20 MB/s
Cache	Up to 64 MB

Power

Voltage	5V DC (±5%)
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Reliability

Error Correction	Corrects up to 9 bits per 528B
Write Endurance	38.36 years @ 100 GB/day write-erase cycles (8 GB drive)

Compliance

Interface	ANSI SCSI-2 Standard X3.131-1994
EMC	ICES-003 Issue 4, February 7, 2004 Class A VCCI V-3/2008.04 and V-4/2007.04 Class A
RoHS	EU RoHS 2002/95/EC

Warranty

Standard	1 year
Extended	Up to 5 years