

Apacer

The Most **Reliable**
Storage For Industries



AFD257-M



AFD257-M

Overview

The AFD257-M SSD is the next generation of storage device based on an advanced industrial flash memory technology, it has a tough outer metal case, enormous capacities, high reliability and anti-shock features that make it ideal to replace traditional HDD. In response to customer needs, Apacer launched this AFD 257-M SSD with Data Security benefit. It comes with three built-in data security functions - Full Erase, Destroy, and Write Protect to provide advanced and upgraded data security advantages.



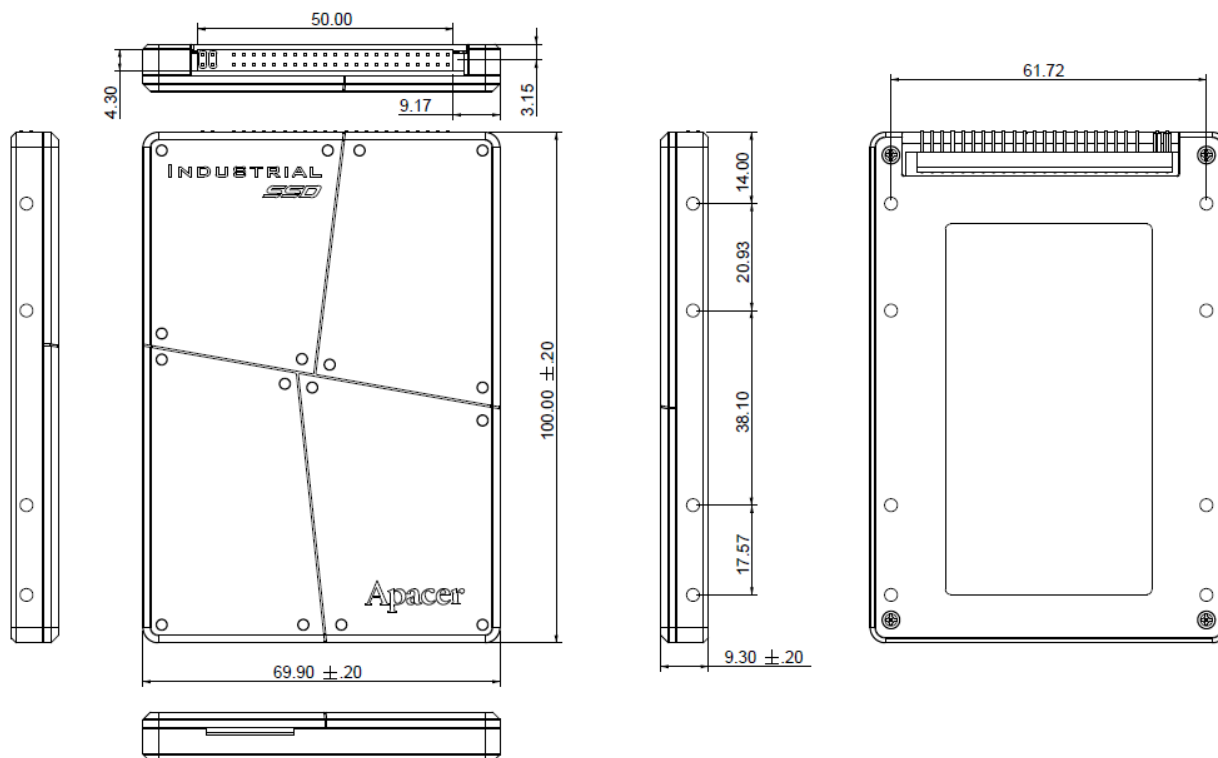
Feature

- Perfect replacement of traditional 2.5" PATA HDDs
- Advanced wear-leveling and Block Management
- Built-in ATA Secure Erase and S.M.A.R.T. Functions
- Intelligent Power Failure Recovery

Specifications

Model	AFD257-M
Interface	Standard ATA/IDE
Connector	44 pin male
Form Factor	2.5
NAND Flash Type	MLC
Capacity	32GB~256GB
External DRAM	No
Sustained Read Performance (MB/sec)	Up to 100
Sustained Write Performance (MB/sec)	Up to 90
ECC Engine	Built-in 72-bit per 1K bytes BCH ECC
Standard Operating Temperature (°C)	0 ~ + 70
Extended Operating Temperature (°C)	-40 ~ + 85
Storage Temperature (°C)	-40 ~ + 100
Shock	1500G (complied with MIL-STD810)
Vibration	15G (complied with MIL-STD810)
Operating Voltage	5 V ± 5%
Power Consumption	Active mode: 400 mA & Idle mode: 20 mA
Dimension (L x W x H)	100 x 69.8 x 9.3 (mm)
MTBF (hours)	>1,000,000

Mechanical Specification



Unit:mm

For more information, contact your Apacer representative

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