

Apacer

The Most **Reliable**  
Storage For Industries



AFD257



### Overview

The AFD257 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 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.



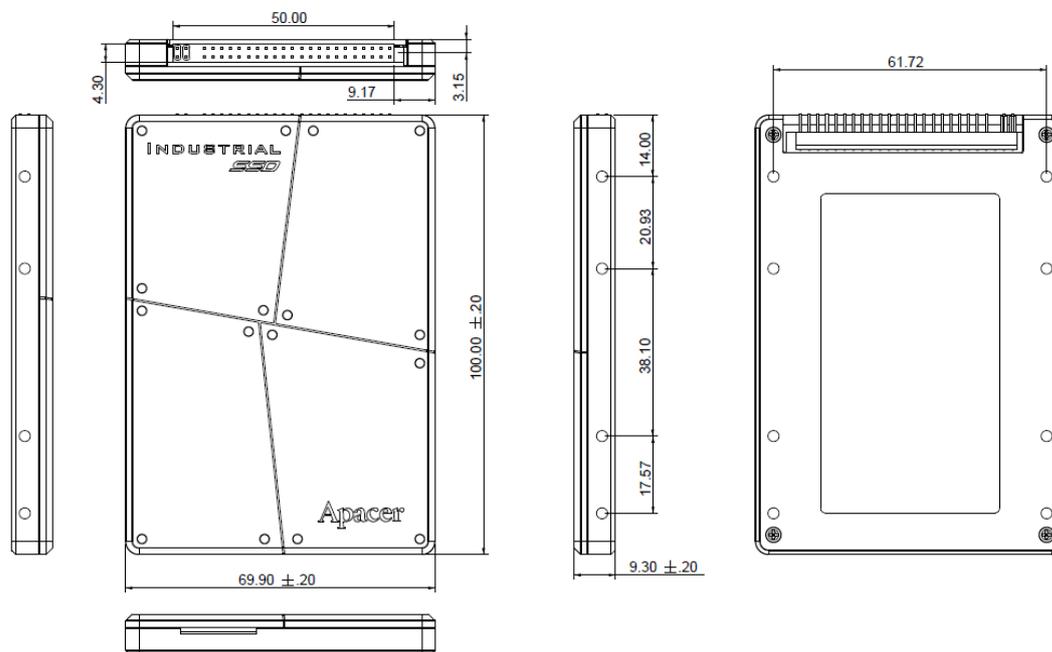
### Feature

- 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

<b>Model</b>	AFD257
<b>Interface</b>	Standard ATA/IDE
<b>Connector</b>	44 pin male
<b>Form Factor</b>	2.5
<b>NAND Flash Type</b>	SLC
<b>Capacity</b>	8GB~128GB
<b>External DRAM</b>	No
<b>Sustained Read Performance (MB/sec)</b>	Up to 100
<b>Sustained Write Performance (MB/sec)</b>	Up to 95
<b>ECC Engine</b>	Built-in 72-bit per 1K bytes BCH ECC
<b>Standard Operating Temperature ( °C )</b>	0 ~ + 70
<b>Extended Operating Temperature ( °C )</b>	-40 ~ + 85
<b>Storage Temperature ( °C )</b>	-40 ~ + 100
<b>Shock</b>	1500G (complied with MIL-STD810)
<b>Vibration</b>	15G (complied with MIL-STD810)
<b>Operating Voltage</b>	5 V ± 5%
<b>Power Consumption</b>	Active mode: 295mA & Idle mode: 35 mA
<b>Dimension (L x W x H )</b>	100 x 69.8 x 9.3 (mm)
<b>MTBF (hours)</b>	>2,000,000

## Mechanical Specification



Unit:mm

For more information, contact your Apacer representative

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