

Apacer

The Most **Reliable**
Storage For Industries

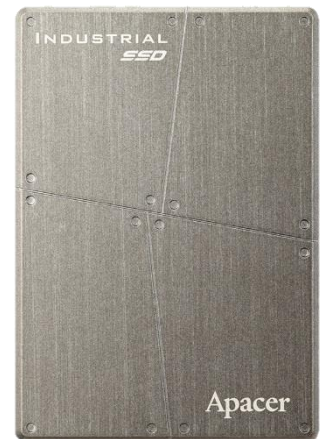
SS210-25



SS210-25

Overview

Apacer SS210-25 is designed for the high levels of performance and reliability. With adoption of SATA 3.0 transmission interface, SS210-25 offers storage capacities from 8GB to 240GB with excellent IOPs. The drive comes with various implementations including Apacer CoreSecurity, global wear leveling, flash block management, S.M.A.R.T., TRIM, and extended temperature support. It is suitable for Embedded, POS, KIOSK and IPC applications to optimize its operating conditions featuring in high-speed, stability and power savings.



Feature

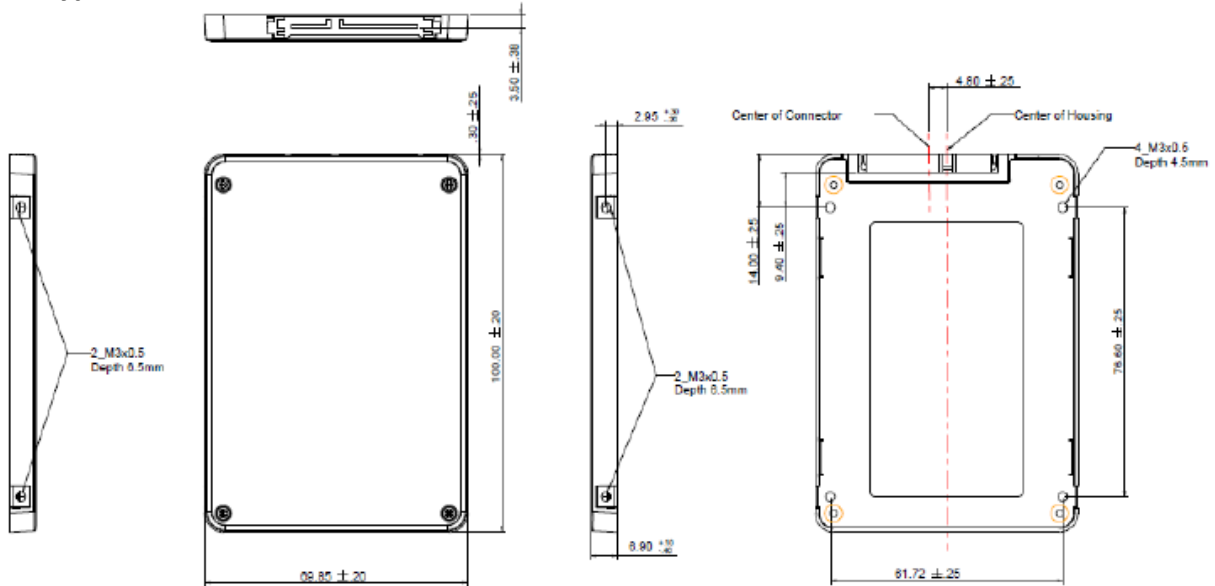
- Built-in Hardware ECC
- Global Wear Leveling
- Flash Bad-block Management
- S.M.A.R.T.
- Power Failure Management
- ATA Secure Erase
- TRIM

Specifications

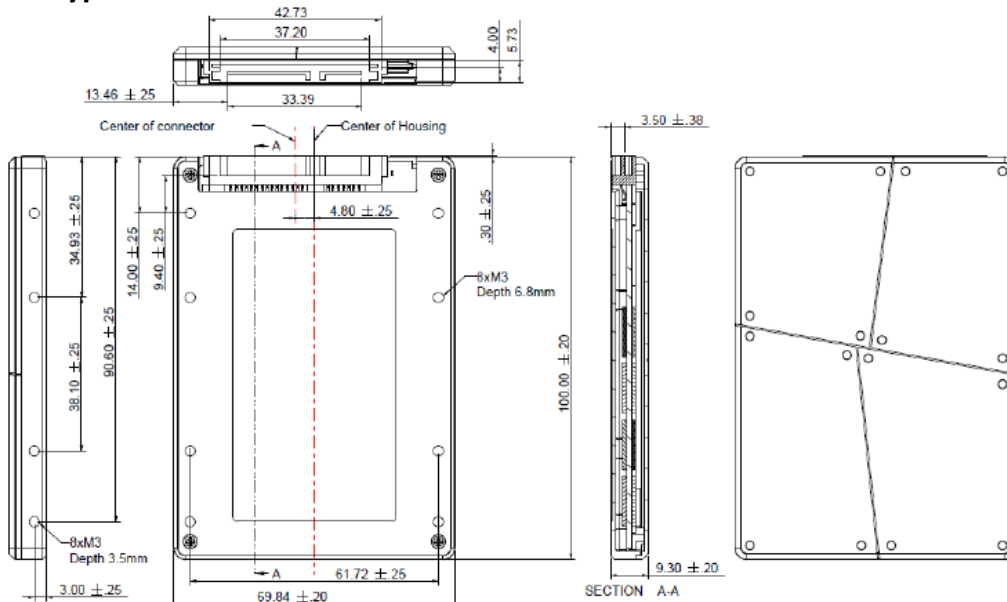
Model	SS210-25
Interface	SATA 3.0 (6Gb/s)
Connector	(7+15) pin male
Form Factor	2.5"
NAND Flash Type	SLC
Capacity	8GB~240GB
External DRAM	Yes
Sustained Read Performance (MB/sec)	Up to 530
Sustained Write Performance (MB/sec)	Up to 445
ECC Engine	Built-in 40-bit per 1K bytes BCH ECC
IOPS (4K Random Write)	76K
Standard Operating Temperature (°C)	0 ~ + 70
Extended Operating Temperature (°C)	-40 ~ + 85
Storage Temperature (°C)	-40 ~ + 100
Shock	Operation: 50G, 11ms Non-operation: 1500G, 0.5ms
Vibration	Operation: 7.69 Grms, 20~2000 Hz/random (compliant with MIL-STD-810G) Non-operation: 4.02 Grms, 15 ~ 2000 Hz/sine (compliant with MIL-STD-810G)
Operating Voltage	5.0 V±5%
Power Consumption	Active mode: 500 mA / Idle mode: 95 mA
Dimension (L x W x H)	7mm:100.00 x 69.85 x 6.90mm 9.5mm: 100.00 x 69.85 x 9.3mm
MTBF (hours)	>2,000,000

Mechanical Specification

7mm Type Dimensions



9.5mm Type Dimensions



Unit: mm

For more information,
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