

# Apacer

The Most **Reliable**  
Storage For Industries

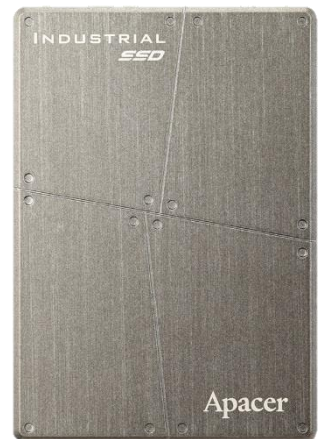
**SS210-25**



## 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

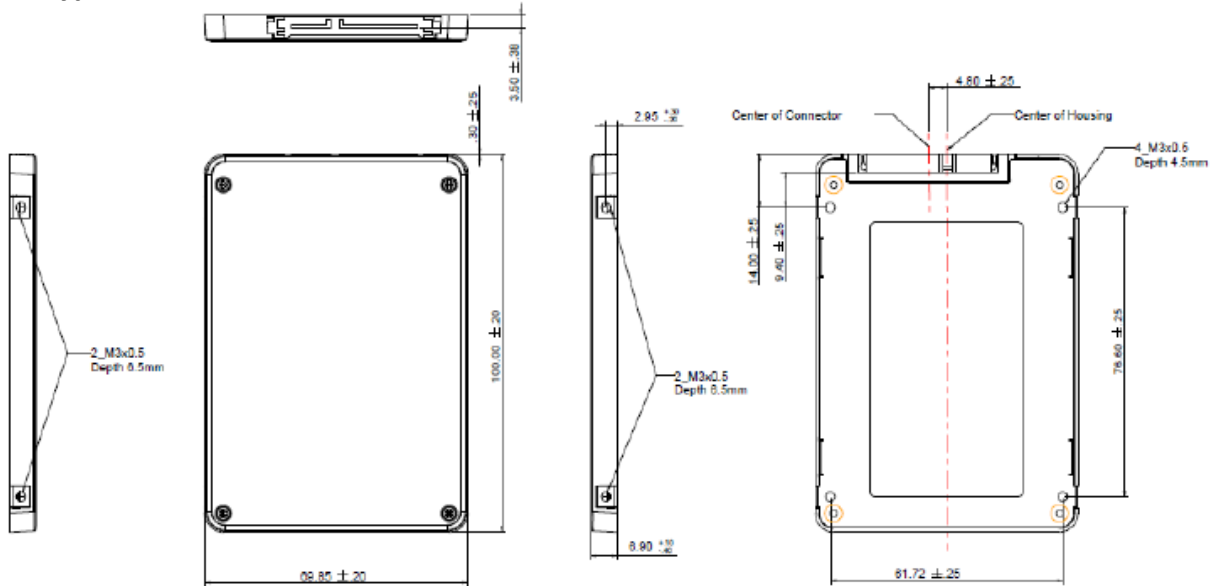
- Built-in Hardware ECC
- Global Wear Leveling
- Flash Bad-block Management
- S.M.A.R.T.
- Power Failure Management
- ATA Secure Erase
- TRIM

## Specifications

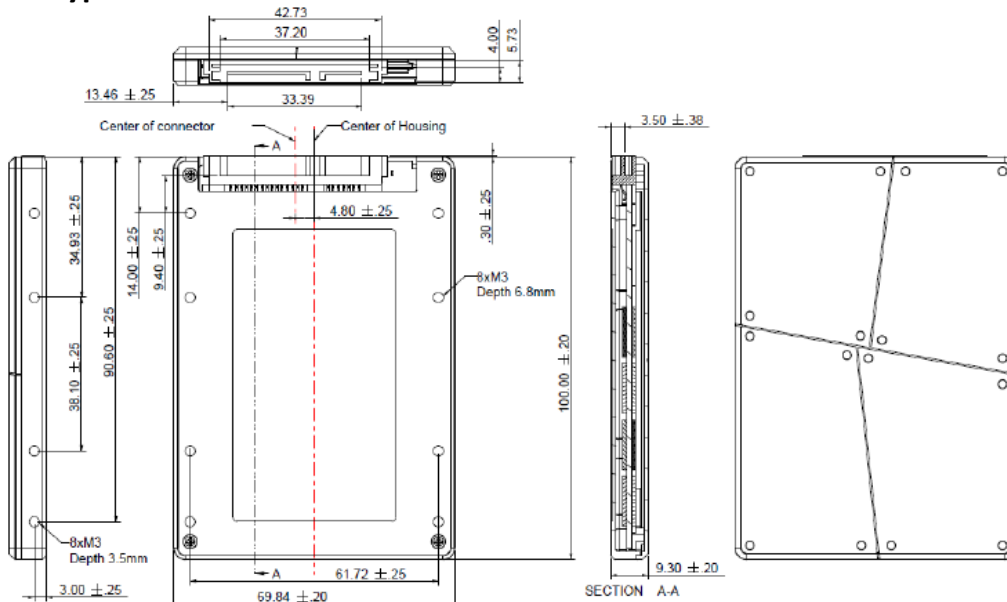
<b>Model</b>	SS210-25
<b>Interface</b>	SATA 3.0 (6Gb/s)
<b>Connector</b>	(7+15) pin male
<b>Form Factor</b>	2.5"
<b>NAND Flash Type</b>	SLC
<b>Capacity</b>	8GB~240GB
<b>External DRAM</b>	Yes
<b>Sustained Read Performance (MB/sec)</b>	Up to 530
<b>Sustained Write Performance (MB/sec)</b>	Up to 445
<b>ECC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

## Mechanical Specification

### 7mm Type Dimensions



### 9.5mm Type Dimensions



Unit: mm

For more information,  
contact your Apacer representative

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