

## Specifications

<b>Model</b>	SV250-25
<b>Interface</b>	SATA 3.2 (6Gb/s)
<b>Connector</b>	(7+15) pin male
<b>Form Factor</b>	2.5"
<b>NAND Flash Type</b>	3D TLC
<b>Capacity</b>	30GB~960GB
<b>External DRAM</b>	No
<b>Sustained Read Performance (MB/sec)</b>	Up to 560
<b>Sustained Write Performance (MB/sec)</b>	Up to 520
<b>ECC Engine</b>	Low-Density Parity-Check (LDPC) Code
<b>IOPS (4K Random Write)</b>	73K
<b>Standard Operating Temperature ( °C )</b>	0 ~ + 70
<b>Wide Temperature ( °C )</b>	-40 ~ + 85
<b>Storage Temperature ( °C )</b>	-40 ~ + 100
<b>Shock</b>	Operation: Acceleration, 50(G)/11(ms)/half sine (compliant with MIL-STD-202G) Non-operation: Acceleration, 1,500(G)/0.5(ms)/half sine (compliant with MIL-STD-883K)
<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: 330mA / Idle mode: 95 mA
<b>Dimension (L x W x H )</b>	7mm: 100.00 x 69.85 x 6.90mm
<b>MTBF (hours)</b>	>3,000,000