

Professional SSD Products PCIe SSD | SATA SSD



Features of Professional SSD Products



BOM Control
Fixed controller



Warranty
3 years



Sample Testing
Assuring full compatibility



After Service
RMA swap

Solutions and Benefits

•Reduce Compatibility Risk

Professional products are available in fixed controller, meaning compatibility issues can be reduced.

•Long Operating Lifetime

We choose trustworthy NAND flash, allowing you to get longer endurance and durability.

•Cost Saving

Low compatibility risk and high product reliability lead to lower RMA costs and lower product returns, while increasing customer satisfaction.

Target Customers & Applications



Kiosk



Value POS System



AIO Application



Entry Thin Client



Indoor Signage



Value NAS System

2.5" SATA SSD



Interface	SATA 6Gb/s				
Form Factor	2.5-inch, 7mm				
Dimensions (mm)	100 x 69.85 x 6.9				
NAND Flash Type	3D TLC				
Model	PPSS25				
Standard Part	AP128GPPSS25	AP256GPPSS25	AP512GPPSS25	AP1TPSS25	AP2TPSS25B
Capacity	128GB	256GB	512GB	1TB	2TB
Sequential Read (MB/s)	560	560	560	560	550
Sequential Write (MB/s)	540	540	540	540	530
Random Read IOPS (4K)	38,000	81,000	87,000	93,000	99,000
Random Write IOPS (4K)	75,000	74,000	80,000	80,000	90,000
Terabytes Written (TBW)	75	180	328	825	3465
MTBF	>2 million hours				
Warranty*	3 years Limited				

PCIe Module



Interface	PCIe G3 x4 \ NVMe 1.3			
Form Factor	M.2 2280-S2-M			
Dimensions (mm)	80 x 22 x 2.15			
NAND Flash Type	3D TLC			
Model	PP3480			
Standard Part	AP256GPP3480	AP512GPP3480	AP1TPP3480	AP2TPP3480
Capacity	256GB	512GB	1TB	2TB
Sequential Read (MB/s)	2,100	2,100	2,100	2,500
Sequential Write (MB/s)	1,300	1,500	1,700	2,100
Random Read IOPS (4K)	165,000	300,000	530,000	230,000
Random Write IOPS (4K)	265,000	420,000	420,000	400,000
Terabytes Written (TBW)	200	400	800	1600
MTBF	>2 million hours			
Warranty*	3 years Limited			

PCIe Module



Interface	PCIe G4 x4 \ NVMe 1.4			
Form Factor	M.2 2280 single side, M key			
Dimensions (mm)	22.00 x 80.00 x 2.35(max.)			
NAND Flash Type	3D TLC			
Model	PB4480			
Standard Part	AP256GPB4480	AP512GPB4480	AP1TPB4480	AP2TPB4480
Capacity	256GB	512GB	1TB	2TB
Sequential Read (MB/s)	4,200	4,500	5,000	5,000
Sequential Write (MB/s)	1800	2,500	4,400	4,400
Random Read IOPS (4K)	150,000	150,000	750,000	750,000
Random Write IOPS (4K)	300,000	300,000	750,000	750,000
Terabytes Written (TBW)	200	400	1650	3350
MTBF	>2 million hours			
Warranty*	3 years Limited			

Note:

Results may differ from various flash configurations or host system setting.

Warranty*: 3 years or TBW whichever occurs first

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