

Enterprise 2.5" SATA SSD

Product features:

- Online firmware upgrade
- Power-off protection (PLP)
- End-to-end data path protection
- Enterprise-level workload optimization



Specifications parameters:

Form		2.5"7mm				
Interface		SATAIII				
Flash		3D eTLC				
Volume		480GB	960GB	1920GB	3840GB	7680GB
Performance	Order reading (MB/s)	530	530	530	530	530
	Order writing (MB/s)	430	500	500	500	500
	4KB Random Read (IOPS)	96K	98K	98K	98K	97K
	4KB Random writing (IOPS)	36K	42K	50K	37K	42K
Power dissipation	Max	2.9W	3.2W	3.3W	3.4W	3.8W
	Free	1.3W	1.3W	1.4W	1.5W	1.6W
Delay	4K Random Read	115μs	115μs	115μs	120μs	145μs
	4K Random writing	25μs	25μs	25μs	25μs	25μs
TBW(TB)		815	1714	3602	6507	13061
DWPD		1				
UBER		<1 sector per 10 ¹⁷ bits				
MTBF		>2,000K hours				
Working Temperature		0°C~70°C				
Storage Temperature		-40°C~85°C				

Voltage	5V±5%
Warranty period	5 years

Enterprise U.3 SSD

Product features:

- Support dual ports
- Ultra-low latency
- Online firmware upgrade
- Power-off protection (PLP)
- End-to-end data path protection (E2EDPP)
- Phison 5th LDPC ECC
- Self-encrypting hard drives



Specifications parameters:

Form		U.3				
Interface		PCIe 4.0x4(single portx4 lanes /dual portx2 lanes)				
Flash		3D eTLC				
Volume		1.92TB	3.84TB	7.68TB	15.36TB	30.72TB
Performance	Order reading (MB/s)	7000	7000	7000	7000	7000
	Order writing (MB/s)	3500	6700	6800	6800	6000
	4KB Random Read (IOPS)	1,600K	1,600K	1,600K	1,600K	1,600K
	4KB Random writing (IOPS)	95K	170K	180K	180K	180K
Power	Max	14W	19W	20W	21W	21W



dissipation	Free	6W	6W	6W	8W	9W
Delay	4K Random Read	110µs	100µs	100µs	100µs	90µs
	4K Random writing	15µs	15µs	15µs	15µs	15µs
TBW(TB)		3504	7008	14016	28032	56064
DWPD		1				
UBER		<1 sector per 1018bits				
MTBF		>2,500K hours				
Working Temperature		0°C~70°C				
Storage Temperature		-40°C~85°C				
Voltage		12V±10%				
Warranty period		5 years				

Enterprise U.2 SSD

Product features :

- Support dual ports
- Ultra-low latency
- Online firmware upgrade
- Power-off protection (PLP)
- End-to-end data path protection (E2EDPP)
- Phison 5th LDPC ECC
- Self-encrypting hard drives



Specifications parameters :

Form		U.2				
Interface		PCIe 5.0x4(single portx4lanes /dual portx2lanes)				
Flash		3D eTLC				
Volume		1.92TB	3.84TB	7.68TB	15.36TB	30.72TB
Performance	Order reading (MB/s)	14800	14800	14800	14800	14800
	Order writing (MB/s)	4300	8600	8700	8350	8350
	4KB Random Read (IOPS)	2,400K	3,000K	3,000K	3,000K	3,000K
	4KB Random writing (IOPS)	170K	380K	500K	500K	500K
Power dissipation	Max	25W	25W	25W	30W	35W
	Free	5W	5W	5W	5W	5W



Delay	4K Random Read	60μs	60μs	60μs	60μs	60μs
	4K Random writing	10μs	10μs	10μs	10μs	10μs
TBW(TB)		3504	7008	14016	28032	56064
DWPD		1				
UBER		<1 sector per 10 ¹⁸ bits				
MTBF		>2,500K hours				
Working Temperature		0°C~70°C				
Storage Temperature		-40°C~85°C				
Voltage		12V±10%				
Warranty period		5 years				