

SP5002

Enterprise PCIe Gen5 SSD

Purpose-Built for AI Infrastructure

E3.S



E1.L



Up to 61.44 TB
Maximum Capacity



PCIe Gen5 x4
High-Bandwidth Interface



EDSFF E1.L & E3.S
Dual Form Factors



Enterprise-Class
Reliability



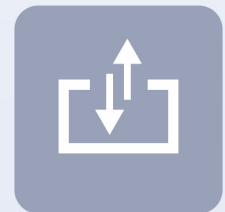
Engineered for Demanding Workloads



14,700 MB/s
Sequential Read (Up to)



2,400 MB/s
Sequential Write (Up to)



2,300K IOPS
4K Random Read (Up to)

*Based on BIWIN internal testing. Actual performance may vary.

Higher Storage Density

Greater Efficiency

Designed for hyperscale AI infrastructure and enterprise storage platforms.



Applications



Data Centers



Cloud Infrastructure



AI Compute



Distributed Storage

Highlights



High Storage
Density



Optimized
Read Performance



Enterprise
Reliability



Advanced
Data Security

Specifications

Model Name	SP5002
Interface	PCIe Gen5 x4
Form Factor	EDSFF E3.S 8 E1.L
Capacity	30.72 TB / 61.44 TB
Sequential Read (Up to)	14,700 MB/s
Sequential Write (Up to)	2,400 MB/s
MTBF	2.5M Hours
Warranty	5-Year Limited