

Product Specification

512 GB P Series 5 SATA III 2.5" SSD



Choose the P Series 5 SSD to boost the performance of your existing hardware and extend its useful life. It will speed up your daily OS boot times and increase the speed of your applications, overall giving you the best experience of Solid State performance computing.

- 2.5-inch form factor with SATA III 6Gbps interface (backwards compatible with SATA 3Gbps and SATA 1.5Gbps)
- Performance: Faster boot than HDD, Faster access to applications, enhanced productivity and increased efficiency
- Fully compatible with devices and OS that support the SATA standard
- Non-volatile Flash Memory for outstanding data retention
- Ultra-efficient Block Management and Wear Levelling
- Supports S.M.A.R.T. - Self-Monitoring, Analysis and Reporting Technology
- 3 year warranty or TBW - whichever is earlier applies

SKU	INSSD512GS625P5
EAN	5055288447424

	Width (mm)	Depth (mm)	Height (mm)	Weight (g)
Product	69.8	100	7	50
Packaging	107	13	133	64

Capacity (GB)	512
Component for	PC/Notebook
Form factor	2.5"
ECC (Y/N)	Y
Mean time between failures (MTBF) (hour)	2000000
TBW rating	100
Flash type	3D TLC
NVMe (Y/N)	N
S.M.A.R.T. support (Y/N)	Y
TRIM support (Y/N)	Y
Data transfer rate (GB per second)	6
Read speed (MB per second)	560
Write speed (MB per second)	540
Operating voltage (Volt)	5
Power consumption (read) (Watt)	1.9
Power consumption (write) (Watt)	2
Hardware encryption (Y/N)	N

Interface	Serial ATA III
Operating temperature (T-T) (degrees Celcius)	0 - 70
Storage temperature (T-T) (degrees Celcius)	-40 - 85
Operating relative humidity (H-H) (percent)	0 - 90
Sustainability certificates	RoHS
Certification	CE, FCC, UKCA