

Intel 600p M.2 512 GB PCI Express 3.0 TLC NVMe

Brand : Intel

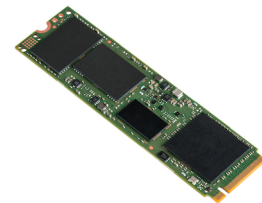
Product code: SSDPEKKW512G7

Product name : 600p

SSD 600p Series (512GB, M.2 80mm PCIe 3.0 x4, 3D1, TLC)

Intel 600p. SSD capacity: 512 GB, SSD form factor: M.2, Read speed: 1775 MB/s, Write speed: 560 MB/s,

Component for: PC/Laptop



Features		Power	
Security algorithms	256-bit AES	Power consumption (read)	0.1 W
SSD form factor *	M.2	Power consumption (write)	0.1 W
SSD capacity *	512 GB	Power consumption (idle)	0.04 W
Interface *	PCI Express 3.0	Brand-specific features	
Memory type *	TLC	Intel High Endurance Technology (HET)	✗
NVMe *	✓	Intel® Rapid Start Technology	✓
Component for *	PC/Laptop	Intel® Smart Response Technology	✓
Hardware encryption *	✓	Operational conditions	
Read speed	1775 MB/s	Operating temperature (T-T)	0 - 70 °C
Write speed	560 MB/s	Operating vibration	2.17 G
PCI Express interface data lanes	x4	Non-operating vibration	3.13 G
End-to-End Data Protection	✗	Weight & dimensions	
Enhanced Power Loss Data Protection technology	✗	Width	22 mm
SSD temperature monitoring	✗	Depth	80 mm
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁵ bits read	Weight	10 g
Mean time between failures (MTBF)	1600000 h	Other features	
TBW rating	288	Product colour	Black, Green
SSD usage tag	Consumer	Launch date	Q3'16
SSD ARK ID	94924	Status	Launched
		Product family	Consumer SSD

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