

Intel 600p M.2 128 GB PCI Express TLC

Brand : Intel

Product code: SSDPEKKW128G7X1

Product name : 600p



SSD 600p Series (128GB, M.2 80mm PCIe 3.0 x4, 3D1, TLC)

Intel 600p. SSD capacity: 128 GB, SSD form factor: M.2, Read speed: 770 MB/s, Write speed: 450 MB/s

Features		Power	
SSD form factor *	M.2	Power consumption (idle)	0.04 W
SSD capacity *	128 GB	Brand-specific features	
Interface *	PCI Express	Intel High Endurance Technology (HET)	✗
Memory type *	TLC	Intel® Rapid Start Technology	✓
Read speed	770 MB/s	Intel® Smart Response Technology	✓
Write speed	450 MB/s	Operational conditions	
Random read (4KB)	35000 IOPS	Operating temperature (T-T)	0 - 70 °C
Random write (4KB)	91500 IOPS	Operating vibration	2.17 G
End-to-End Data Protection	✗	Non-operating vibration	3.13 G
Enhanced Power Loss Data Protection technology	✗	Logistics data	
SSD temperature monitoring	✗	Harmonized System (HS) code	84717070
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁵ bits read	Other features	
Mean time between failures (MTBF)	1600000 h	Product colour	Black, Green
TBW rating	72	Internal	✓
SSD usage tag	Consumer	Random write (8GB span)	91500 IOPS
SSD ARK ID	94917	Status	Launched
Power		Random read (8GB span)	35000 IOPS
Power consumption (read)	0.1 W	Product family	Consumer SSD
Power consumption (write)	0.1 W	Product series	Intel® SSD 600p Series
		Product codename	Pleasant Star



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