

Intel Pro 2500 2.5" 240 GB Serial ATA III MLC

Brand : Intel

Product code: SSDSC2BF240A5

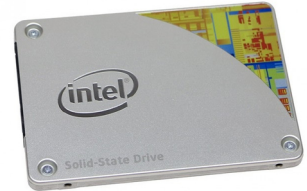
Product name : Pro 2500

SSD Pro 2500 Series (240GB, 2.5in SATA 6Gb/s, 20nm, MLC)

Intel Pro 2500 2.5" 240 GB Serial ATA III MLC:

In today's demanding business environment, there is a growing need for reliable, high-speed storage partnered with manageable, robust security. The Intel® SSD Pro 2500 Series is designed to meet business needs by enabling blazing fast performance and simultaneously upgrading a system's security and manageability profile. The Intel SSD Pro 2500 Series is available in capacities ranging from 120 GB to 480 GB in thin 2.5-inch and ultra-sleek M.2 form factors.

Intel Pro 2500. SSD capacity: 240 GB, SSD form factor: 2.5", Read speed: 540 MB/s, Write speed: 490 MB/s, Data transfer rate: 6 Gbit/s



Features		Brand-specific features	
Security algorithms	256-bit AES	Intel High Endurance Technology (HET)	✗
SSD form factor *	2.5"	Intel® Rapid Start Technology	✓
SSD capacity *	240 GB	Intel® Smart Response Technology	✓
Interface *	Serial ATA III	Intel Smart Response Technology version	1.00
Memory type *	MLC	Operational conditions	
Data transfer rate	6 Gbit/s	Operating temperature (T-T)	0 - 70 °C
Read speed	540 MB/s	Storage temperature (T-T)	-55 - 95 °C
Write speed	490 MB/s	Operating relative humidity (H-H)	5 - 95%
Random read (8KB)	48000 IOPS	Storage relative humidity (H-H)	5 - 95%
Random write (8KB)	80000 IOPS	Operating vibration	2.17 G
Read latency	80 µs	Non-operating vibration	3.13 G
Write latency	85 µs	Operating shock	1500 G
Lithography	20 nm	Non-operating shock	1500 G
End-to-End Data Protection	✓	Technical details	
Enhanced Power Loss Data Protection technology	✗	Sustainability certificates	RoHS
SSD temperature monitoring	✗	Weight & dimensions	
Mean time between failures (MTBF)	1200000 h	Height	7 mm
SSD usage tag	Professional	Other features	
Certification	UL, CE, C-Tick, BSMI, KCC, Microsoft WHCK, VCCI, SATA-IO	Product colour	Grey
Power		Internal	✓
Power consumption (read)	0.165 W	Product family	Professional SSD
Power consumption (write)	0.165 W		
Power consumption (idle)	0.055 W		

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