



Intel® SSD DC P4600 Series (6.4TB, 2.5in PCIe 3.1 x4, 3D1, TLC)

Brand : Intel

Product code: SSDPE2KE064T701

Product name : Intel® SSD DC P4600 Series (6.4TB, 2.5in PCIe 3.1 x4, 3D1, TLC)

Intel® SSD DC P4600 Series (6.4TB, 2.5in PCIe 3.1 x4, 3D1, TLC)

Intel® SSD DC P4600 Series (6.4TB, 2.5in PCIe 3.1 x4, 3D1, TLC). Random read (100% span): 617500 IOPS, Random write (100% span): 238000 IOPS, Read latency: 85 µs. Drive capacity: 6.4 TB, Launch date: Q1'18, Product brief URL:

<http://www.intel.com/content/www/us/en/solid-state-drives/ssd-dc-p4600-brief.html>

Features		Operational conditions	
Random read (100% span)	617500 IOPS	Operating temperature (T-T)	0 - 35 °C
Random write (100% span)	238000 IOPS	Other features	
Read latency	85 µs	Drive capacity	6.4 TB
Write latency	15 µs	Launch date	Q1'18
End-to-End Data Protection	✓	Product brief URL	http://www.intel.com/content/www/us/en/solid-state-drives/ssd-dc-p4600-brief.html
Enhanced Power Loss Data Protection technology	✓	SSD endurance rating	37.38 PBW
SSD temperature monitoring	✓	SSD hardware encryption	AES 256 bit
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	SSD power consumption (active)	Sequential Average 24.7 W (Write), 11.00 W (Read)
Market segment	Server	SSD power consumption (idle)	<5 W
Brand-specific features		SSD shock	1000 G/0.5 msec
Intel High Endurance Technology (HET)	✓	SSD weight	131 g
Intel® Rapid Start Technology	✗	Sequential reading	3200 MB/s
Intel® Remote Secure Erase	✗	Sequential writing speed	2100 MB/s
Intel® Smart Response Technology	✗	Status	Launched
Intel Smart Response Technology version	0.00	Last change	63903513
		Intel Rapid Start Technology version	0.00
		Remote Secure Erase (RSE) technology version	0.00
		Product family	Data center SSD
		Product series	Intel® SSD DC P4600 Series
		Product codename	Cliffdale



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