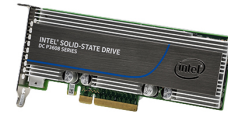


Intel DC P3608 3.2 TB PCI Express MLC

Brand : Intel

Product code: SSDPECME032T401

Product name : DC P3608



SSD DC P3608 Series (3.2TB, 1/2 Height PCIe 3.0 x8, 20nm, MLC)

[Intel DC P3608 3.2 TB PCI Express MLC:](#)

Extreme Performance - Moving Data Closer to the CPU

The Intel® SSD DC P3608 Series taps into the power of the NVMe interface to deliver new levels of PCIe performance and ultra-low latency. When paired with multi-core Intel® Xeon® processors, the SSD's unique NVMe dual controller architecture enables highly efficient scalability, evenly distributing I/O across the PCIe 3.0 x8 link to obtain real-world transfers of over 5GB/s bandwidth and up to 850,000 random read IOPS.

Intel DC P3608. SSD capacity: 3.2 TB, Read speed: 4500 MB/s, Write speed: 2600 MB/s



Features		Brand-specific features	
SSD capacity *	3.2 TB	Intel® Rapid Start Technology	✗
Interface *	PCI Express	Intel® Smart Response Technology	✗
Memory type *	MLC	Intel Smart Response Technology version	0.00
Hardware encryption *	✓	Operational conditions	
Read speed	4500 MB/s	Operating temperature (T-T)	0 - 55 °C
Write speed	2600 MB/s	Storage temperature (T-T)	-55 - 95 °C
Random read (100% span)	850000 IOPS	Operating vibration	2.17 G
Random write (100% span)	80000 IOPS	Non-operating vibration	3.13 G
Read latency	20 µs	Operating shock	50 G
Write latency	20 µs	Technical details	
Lithography	20 nm	Sustainability certificates	RoHS
PCI Express interface data lanes	x8	Weight & dimensions	
End-to-End Data Protection	✓	Weight	230.2 g
Enhanced Power Loss Data Protection technology	✓	Other features	
SSD temperature monitoring	✓	Internal	✓
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Processor lithography	20 nm
Mean time between failures (MTBF)	1000000 h	Drive capacity	3.2 TB
Windows operating systems supported	Windows 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home Basic, Windows 7 Home Basic x64, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 8, Windows 8 Enterprise, Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows 8.1, Windows 8.1 Enterprise, Windows 8.1 Enterprise x64, Windows 8.1 Pro, Windows 8.1 Pro x64, Windows 8.1 x64	Launch date	Q3'15
Server operating systems supported	Windows Server 2008 R2, Windows Server 2008 R2 x64, Windows Server 2012, Windows Server 2012 R2, Windows Server 2012 R2 x64, Windows Server 2012 x64	Product brief URL	http://www.intel.com/content/www/us/en/solid-state-drives/ssd-dc-p3608-brief.html
Market segment	Server	SSD endurance rating	17.52 PWB
SSD usage tag	Data center	SSD hardware encryption	AES 256 bit
SSD ARK ID	88734	SSD power consumption (active)	18/35 read/write
Certification	UL, CE, C-Tick, BSMI, KCC, VCCI	SSD power consumption (idle)	11.5W
Power		SSD shock	50 G Trapezoidal 170 in/s
Power consumption (read)	35 W	SSD weight	230.5 g
		Sequential reading	4500 MB/s
		Sequential writing speed	2600 MB/s
		Status	Discontinued
		Last change	63903513
		Intel Rapid Start Technology version	0.00
		Product family	Data center SSD
		Product series	Intel DC P3608
		Product codename	Fultondale

Power

Power consumption (write)	18 W
Power consumption (idle)	11.5 W

Brand-specific features

Intel High Endurance Technology (HET) ✓



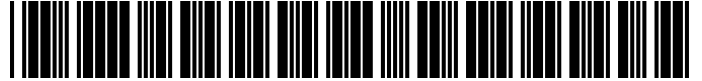
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