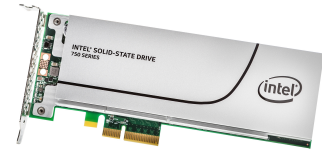


Intel 750 1.2 TB PCI Express 3.0 MLC

Brand : Intel

Product code: SSDPEDMW012T4X1

Product name : 750



SSD 750 Series (1.2TB, 1/2 Height PCIe 3.0, 20nm, MLC)

Intel 750 1.2 TB PCI Express 3.0 MLC:



Experience the future of storage performance for desktop client and workstation users with the Intel® SSD 750 Series. The Intel SSD 750 Series delivers uncompromised performance by utilizing NVMe Express over four lanes of PCIe 3.0.

With both Add-in Card and 2.5-inch form factors, the Intel SSD 750 Series eases migration from SATA to PCIe 3.0 without power or thermal limitations on performance. The SSD can now deliver the ultimate in performance in a variety of system form factors and configurations.

Intel 750. SSD capacity: 1.2 TB, Read speed: 2500 MB/s, Write speed: 1200 MB/s

Features		Operational conditions	
SSD capacity *	1.2 TB	Operating shock	50 G
Interface *	PCI Express 3.0	Maximum non-operating altitude	12192 m
Memory type *	MLC	Operating / non-operating shock	50 G
Read speed	2500 MB/s	Maximum operating altitude	3048 m
Write speed	1200 MB/s	Technical details	
Random read (4KB)	460000 IOPS	Sustainability certificates	RoHS
Random write (4KB)	290000 IOPS	Weight & dimensions	
Read latency	20 µs	Width	168 mm
Write latency	20 µs	Depth	68.9 mm
Lithography	20 nm	Height	18.7 mm
PCI Express interface data lanes	x4	Weight	195 g
S.M.A.R.T. support	✓	Packaging data	
End-to-End Data Protection	✗	Quick start guide	✓
Enhanced Power Loss Data Protection technology	✓	Logistics data	
SSD temperature monitoring	✓	Harmonized System (HS) code	84717070
Temperature monitoring and logging	✓	Other features	
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁶ bits read	Product colour	Grey
Mean time between failures (MTBF)	1200000 h	Internal	✓
Market segment	Mobile	Processor lithography	20 nm
SSD usage tag	Consumer	Power consumption (active)	22 W
SSD ARK ID	86739	Drive capacity	1.2 TB
		Launch date	Q2'15
		Product brief URL	http://www.intel.com/content/dam/www/public/us/en/documents/product-briefs/ssd-750-brief.pdf
		Random write (8GB span)	290000 IOPS
		SSD endurance rating	70GB per day
		SSD power consumption (active)	22
		SSD power consumption (idle)	4
		SSD shock	50
		SSD weight	195 g
		Sequential reading	2400 MB/s
		Sequential writing speed	1200 MB/s
		Status	Launched
		Random read (8GB span)	440000 IOPS
		Last change	63903513
		Intel Rapid Start Technology version	0.00
		Product family	Consumer SSD
		Product series	Intel 750
		Product codename	Carmel Ridge
Brand-specific features			
Intel High Endurance Technology (HET)	✗		
Intel® Rapid Start Technology	✗		
Intel® Smart Response Technology	✗		
Intel Smart Response Technology version	0.00		
Operational conditions			
Operating temperature (T-T)	0 - 55 °C		
Storage temperature (T-T)	-55 - 95 °C		
Maximum operating temperature	55 °C		
Operating vibration	2.17 G		
Non-operating vibration	3.13 G		



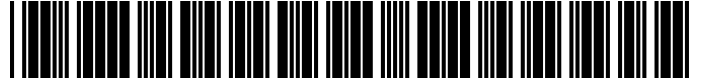
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