

## Intel DC ® SSD P4610 Series (3.2TB, 2.5in PCIe 3.1 x4, 3D2, TLC)

**Brand :** Intel

**Product family:** DC

**Product code:**  
SSDPE2KE032T807

**Product name :** Intel® SSD DC P4610 Series (3.2TB, 2.5in PCIe 3.1 x4, 3D2, TLC)

Intel® SSD DC P4610 Series (3.2TB, 2.5in PCIe 3.1 x4, 3D2, TLC)  
Intel DC ® SSD P4610 Series (3.2TB, 2.5in PCIe 3.1 x4, 3D2, TLC). SSD capacity: 3.2 TB, SSD form factor: U.2, Read speed: 3200 MB/s, Write speed: 3500 MB/s, Component for: Server/workstation



Features		Features	
NVMe version	1.2	Export Control Classification Number (ECCN)	5A992C
Security algorithms	256-bit AES	Commodity Classification Automated Tracking System (CCATS)	G162706
SSD form factor *	U.2	<b>Power</b>	
SSD capacity *	3.2 TB	Power consumption (read)	14 W
Interface *	PCI Express 3.1	Power consumption (write)	14 W
Memory type *	TLC 3D NAND	Power consumption (idle)	5 W
NVMe *	✓	<b>Brand-specific features</b>	
Component for *	Server/workstation	Intel High Endurance Technology (HET)	✓
Hardware encryption *	✓	Intel® Rapid Start Technology	✗
Read speed	3200 MB/s	Intel® Remote Secure Erase	✗
Write speed	3500 MB/s	Intel® Smart Response Technology	✗
Random read (4KB)	638000 IOPS	<b>Operational conditions</b>	
Random write (4KB)	222000 IOPS	Operating temperature (T-T)	0 - 55 °C
Random read (100% span)	638000 IOPS	Maximum operating temperature	55 °C
Random write (100% span)	222000 IOPS	Operating vibration	2.17 G
Random latency - read (up to)	95 µs	Non-operating vibration	3.13 G
Random latency - write (up to)	20 µs	Operating shock	1000 G
Sequential latency - read (up to)	12 µs	<b>Weight &amp; dimensions</b>	
Sequential latency - write (up to)	18 µs	Height	15 mm
Read latency	77 µs	Weight	139 g
Write latency	18 µs	<b>Logistics data</b>	
PCI Express interface data lanes	x4	Harmonized System (HS) code	84717070
End-to-End Data Protection	✓	<b>Other features</b>	
Enhanced Power Loss Data Protection technology	✓	Internal memory type	PCIe 3.1 x4, NVMe
SSD temperature monitoring	✓	Power consumption (active)	14 W
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 <sup>17</sup> bits read	Launch date	Q2'18
Mean time between failures (MTBF)	2000000 h	SSD endurance rating	21.85PBW
Market segment	Server	SSD shock	1000G,0.5ms
		Sequential reading	3200 MB/s
		Sequential writing speed	3050 MB/s
		Status	Launched
		Processor family	Intel SSD DC P4610
		Product codename	Cliffdale Refresh



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