









Search specifications





Intel® SSD DC P4610 Series

7.6TB, 2.5in PCle 3.1 x4, 3D2, TLC

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Specifications

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Specifications

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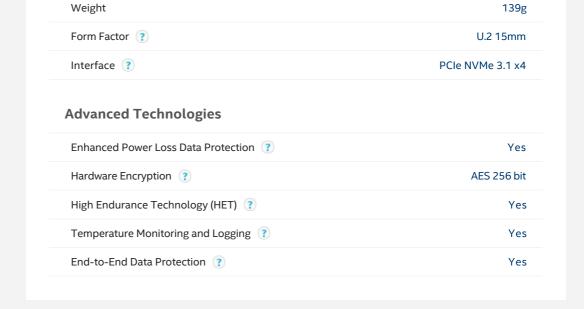
Technologies

Ordering and Compliance

Compatible products

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Essentials	Export specificati
Product Collection	Intel® SSD DC P4610 Series
Code Name	Products formerly Cliffdale Refresh
Capacity	7.68 TB
Status	Launchec
Launch Date ?	Q2'18
Lithography Type	64-Layer 3D TLC NAND
Use Conditions ?	Server/Enterprise
Performance	
Sequential Read (up to) ?	3200 MB/s
Sequential Write (up to)	3200 MB/s
Random Read (100% Span) ?	651000 IOPS
Random Write (100% Span) 🔞	219000 IOPS
Latency - Read ?	77 μs
Latency - Write ?	18 μs
Power - Active ?	15W
Power - Idle ?	5W
Reliability	
Vibration - Operating ?	2.17GRMS
Vibration - Non-Operating ?	3.13GRMS
Shock (Operating and Non-Operating) ?	10000
Operating Temperature Range	0°C to 55°C
Endurance Rating (Lifetime Writes)	44.25PBW
Mean Time Between Failures (MTBF) 🔞	2 million hours
Uncorrectable Bit Error Rate (UBER) ?	1 sector per 10^-17 bits reac



More support options for Intel® SSD DC P4610 Series (7.6TB, 2.5in PCIe 3.1 x4, 3D2, TLC)





Downloads and Software



Support Community



Warranty and Replacement



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Refer to Datasheet for formal definitions of product properties and features.

‡ This feature may not be available on all computing systems. Please check with the system vendor to determine if your system delivers this feature, or reference the system specifications (motherboard, processor, chipset, power supply, HDD, graphics controller, memory, BIOS, drivers, virtual machine monitor-VMM, platform software, and/or operating system) for feature compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

"Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

