



Intel® SSD DC P3600 Series (800GB, 1/2 Height PCIe 3.0, 20nm, MLC)

Specifications

Essentials

Package Specifications

Advanced Technologies

Product Images

Ordering / sSpecs / Steppings

Download Drivers

Specifications

Essentials

Status	Launched
Launch Date	Q2'14
Sequential Read	2600 MB/s
Sequential Write	1000 MB/s
Random Read (100% Span)	430000 IOPS
Random Write (100% Span)	50000 IOPS
Latency - Read	20 µs
Latency - Write	20 µs
Power - Active	12W (write), 9W (read)
Power - Idle	4W
Vibration - Operating	2.17 GRMS
Vibration - Non-Operating	3.13 GRMS
Shock (Operating and Non-Operating)	50 G Trapezoidal, 170 in/s
Operating Temperature Range	0°C to 55°C
Weight	185g
Endurance Rating (Lifetime Writes)	4.38 PBW (JEDEC workload)
Mean Time Between Failures (MTBF)	2,000,000 Hrs
Uncorrectable Bit Error Rate (UBER)	less than 1 sector per 1e17 bits read
Warranty Period	5 yrs
Datasheet	Link
Product Brief	Link
Additional Information URL	Link
Recommended Customer Price	N/A

Package Specifications

Capacity	800 GB
Form Factor	HHHL (CEM2.0)
Interface	PCIe NVMe 3.0 x4
Lithography Type	20nm

Advanced Technologies

Enhanced Power Loss Data Protection	Yes
High Endurance Technology (HET)	Yes
Temperature Monitoring and Logging	Yes
End-to-End Data Protection	Yes

Compare



Related Products

Data Center SSDs

Intel® SSD DC P3600 Series

Products formerly Fultondale

Quick Links

[Export Full Specifications >](#)

[Additional Information >](#)

[Support Overview >](#)

[Search Distributors >](#)

PCN/MDDS Information

934676: [PCN](#) | [MDDS](#)

937375: [PCN](#) | [MDDS](#)

All information provided is subject to change at any time, without notice. Intel may make changes to manufacturing life cycle, specifications, and product descriptions at any time, without notice. The information herein is provided "as-is" and Intel does not make any representations or warranties whatsoever regarding accuracy of the information, nor on the product features, availability, functionality, or compatibility of the products listed. Please contact system vendor for more information on specific products or systems.

"Intel classifications" consist of Export Control Classification Numbers (ECCN) and Harmonized Tariff Schedule (HTS) numbers. Any use made of Intel classifications are without recourse to Intel and shall not be construed as a representation or warranty regarding the proper ECCN or HTS. Your company may be the exporter of record, and as such, your company is responsible for determining the correct classification of any item at the time of export.

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

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

"Conflict free" and "conflict-free" means "DRC conflict free", which is defined by the U.S. Securities and Exchange Commission rules to mean products that do not contain conflict minerals (tin, tantalum, tungsten and/or gold) that directly or indirectly finance or benefit armed groups in the Democratic Republic of the Congo (DRC) or adjoining countries. Intel also uses the term "conflict-free" in a broader sense to refer to suppliers, supply chains, smelters and refiners whose sources of conflict minerals do not finance conflict in the DRC or adjoining countries. Intel processors manufactured before January 1, 2013 are not confirmed conflict free. The conflict free designation refers only to product manufactured after that date. For Intel Boxed Processors, the conflict free designation refers to the processor only, not to any additional included accessories, such as heatsinks/coolers.

The Recommended Customer Price ("RCP") is pricing guidance for Intel products. Prices are for direct Intel customers, typically represent 1,000-unit purchase quantities, and are subject to change without notice. Taxes and shipping, etc. not included. Prices may vary for other package types and shipment quantities, and special promotional arrangements may apply. If sold in bulk, price represents individual unit. Listing of these RCP does not constitute a formal pricing offer from Intel. Please work with your appropriate Intel representative to obtain a formal price quotation.

Send us your feedback!

Company Information Our Commitment Communities Investor Relations Contact Us

Newsroom Jobs

