



Intel® SSD DC P3700 Series
(2.0TB, 2.5in 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	2800 MB/s
Sequential Write	1900 MB/s
Random Read (100% Span)	450000 IOPS
Random Write (100% Span)	175000 IOPS
Latency - Read	20 µs
Latency - Write	20 µs
Power - Active	25W (write), 11W (read)
Power - Idle	4W
Vibration - Operating	2.17 GRMS
Vibration - Non-Operating	3.13 GRMS
Shock (Operating and Non-Operating)	1000G/0.5msec
Operating Temperature Range	0°C to 70°C
Weight	125gm
Endurance Rating (Lifetime Writes)	62 PBW (JEDEC Workload), 17 DWPD
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	2000 GB
Form Factor	2.5" 15mm
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 P3700 Series

Products formerly Fultondale

Quick Links

Export Full Specifications >

Additional Information >

Support Overview >

Search Distributors >

PCN/MDDS Information

933082: PCN | MDDS

937363: 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.

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!

USA (English)



- Company Information
- Our Commitment
- Communities
- Investor Relations
- Contact Us
- Newsroom
- Jobs

