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Intel[®] SSD DC S3610 Series (800GB, 2.5in SATA 6Gb/s, 20nm, MLC)

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Specifications	Specifications		Related Products
Essentials	- Essentials		Data Center SSDs
Performance	Capacity	800 GB	Intel [®] SSD DC S3610
Reliability Package Specifications	Status	Launched	Series Products formerly
Advanced Technologies	Launch Date	Q1'15	Haleyville
	Datasheet	Link	
Compatible Products 🗸 🗸	Product Brief	Link	Quick Links
Ordering / sSpecs / 🗸 🗸	Lithography Type	20 nm	Export Full Specifications >
Steppings	Recommended Customer Price	N/A	Support Overview >
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	- Performance		
	Sequential Read (up to)	550 MB/s	PCN/MDDS Information
	Sequential Write (up to)	520 MB/s	937751: PCN MDDS 940784: PCN MDDS 940785: PCN MDDS
	Random Read (100% Span)	84000 IOPS	
	Random Write (100% Span)	28000 IOPS	
	Latency - Read	55 µs	
	Latency - Write	66 µs	
	Power - Active	6.0 W	
	Power - Idle	0.6 W	
	- Reliability		
	Vibration - Operating	2.17 GRMS (5-700Hz)	
	Vibration - Non-Operating	3.13 GRMS (5-800Hz)	
	Shock (Operating and Non-Operating)	1,000 G/0.5 ms	
	Operating Temperature Range	0°C to 70°C	
	Mean Time Between Failures (MTBF)	2000000	
	Uncorrectable Bit Error Rate (UBER)	1 sector per 10^17 bits read	
	Warranty Period	5 yrs	
	warranty Periou	5 915	
	- Package Specifications		
	Weight	88 grams +-2 grams	
	Form Factor	2.5" 7mm	
	Interface	SATA 3.0 6Gb/S	
	- Advanced Technologies		
	Enhanced Power Loss Data Protection	Yes	
	Hardware Encryption	AES 256 bit	
	High Endurance Technology (HET)	Yes	
	Temperature Monitoring and Logging	Yes	
	End-to-End Data Protection	Yes	
	L		
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The products listed. Please contact system	vendor for more information on specific products or systems.		

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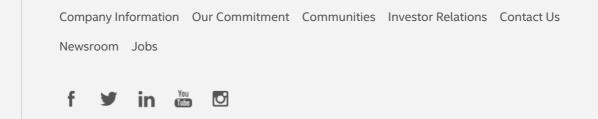
Refer to Datasheet for formal definitions of product properties and features.

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

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