



Intel® SSD E 6100p Series

256GB, M.2 80mm PCIe 3.0 x4, 3D2, TLC

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Essentials

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Product Collection	Intel® SSD E 6100p Series
Code Name	Products formerly Harris Harbor
Capacity	256 GB
Status	Launched
Launch Date	Q1'18
Lithography Type	3D2 TLC
Recommended Customer Price	

Performance

Sequential Read (up to)	3210 MB/s
Sequential Write (up to)	1315 MB/s
Random Read (8GB Span) (up to)	205000 IOPS
Random Write (8GB Span) (up to)	265000 IOPS
Power - Active	50mW
Power - Idle	25mW

Reliability

Vibration - Operating	2.17 GRMS (5-700Hz) Max
Vibration - Non-Operating	3.13 GRMS (5-800Hz) Max
Shock (Operating and Non-Operating)	1500 G/0.5 ms
Operating Temperature Range	0°C to 70°C
Endurance Rating (Lifetime Writes)	144 TBW
Mean Time Between Failures (MTBF)	1.6 million hours
Uncorrectable Bit Error Rate (UBER)	<1 sector per 10^15 bits read
Warranty Period	5 yrs

Supplemental Information

Product Brief	View now
Additional Information URL	View now

Package Specifications

Weight	<10 grams
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Form Factor 

M.2 22 x 80mm

Interface 

PCIe NVMe 3.0 x4

Advanced Technologies

Enhanced Power Loss Data Protection 	No
Hardware Encryption 	AES 256 bit
High Endurance Technology (HET) 	No
Temperature Monitoring and Logging 	No
End-to-End Data Protection 	Yes
Intel® Smart Response Technology 	Yes
Intel® Rapid Start Technology 	Yes
Intel® Remote Secure Erase 	Yes

More support options for Intel® SSD E 6100p Series (256GB, M.2 80mm PCIe 3.0 x4, 3D2, TLC)



Product Support



Downloads and Software



Support Community



Warranty and Replacement



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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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