

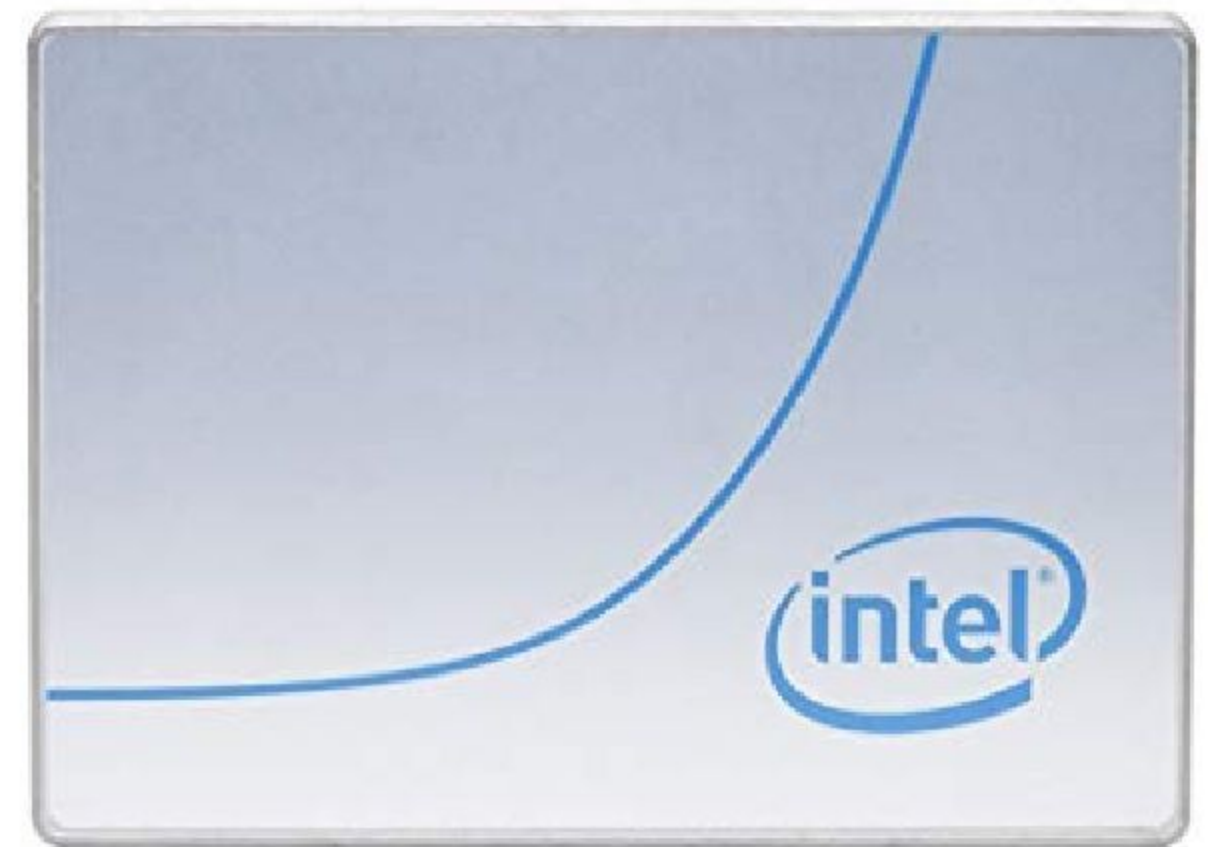
PRODUCT BRIEF

Built-in Reliability

Built-in Reliability Your Data Deserves

Trust the Intel® SSD to reliably and consistently optimize the value of your data.

Specifications	
Form factor	2.5 inch PCIe 3.1 x4
Capacity	1TB, 2TB, 4TB
Interface	
NAND	3D NAND TLC
Performance	
Sequential read	3200MB/s
Sequential write	1050MB/s
Random 4K Read	490,000 IOPS
Random 4K Write	38,000 IOPS
Reliability	
Endurance	1.89 PBW
Mean Time Between Failures (MTBF)	2 million hours
Vibration operating	2.17 GRMS
Vibration non-operating	3.13 GRMS
Shock (Operating and Non-Operating)	1000 G/0.5 msec
Power	
Idle	<5 W
Average	Sequential Avg. 13.8W (Write), 9.5W (Read)



Product Spotlight

- Increased endurance
- Consistent performance
- AES 256-bit self-encryption
- Power loss protection with PLI
- End-to-end data protection
- Extended supply life
- Backed by Intel's five year warranty

