

SSD 480GB

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Online Store

Key Features

Specification


Support


Interface	SATA 6.0Gb/s
Form Factor	2.5-inch internal SSD
Total Capacity	480GB
NAND	NAND Flash
External DDR Cache	N/A
Sequential Read speed	Up to 550 MB/s
Sequential Write speed	Up to 480 MB/s
Random Read IOPS	up to 75k
Random Write IOPS	up to 70k
Dimension	69.85 x 7 x 100 mm
Mean time between failure (MTBF)	2M hours

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Temperature
(Operating)

0°C to 70°C

Temperature
(Storage)

-40°C to 85°C

Warranty

1. Limited 3-years or 200TBW
2. Limited warranty based on 3 years or 200TBW, whichever comes first.
*TBW (Terabyte Written):Terabytes Written is the total amount of data that can be written into an SSD before it is likely to fail.
3. The "percentage of SSD life" (SMART ID: E7 or A9) in SMART page of the "GIGABYTE SSD toolbox" program will be used as the determining criteria when the number is 0 means out of warranty. (A new unused product will show the percentage of 100.)


Note

- Test system configuration: configuration may vary by models; we will choose the latest platform for verification.
- Performance may vary based on SSD's firmware version and system hardware & configuration. Sequential performance measurements based on CrystalDiskMark and IOmeter 1.1.0.
- Speeds based on internal testing. Actual performance may vary.
- 1GB = 1 billion bytes. Actual useable capacity may vary.

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Due to standard SATA architecture, a certain amount of memory is reserved for system usage and therefore the actual memory size is less than the stated amount.

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