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GIGABYTE UD PRO SSD 256GB

Key Features Specification Support

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GP-UDPRO256G

Interface SATA 6.0Gb/s

Form Factor 2.5-inch internal SSD

Total Capacity 256GB

NAND TLC NAND Flash

External DDR Cache 256MB

Sequential I Read speed 550 MB/s

Sequential I Write speed 530MB/s

Random Read 98K

IOPS

Random
Write
IOPS 89K

Dimension
 69.85 x 7 x 100 mm

Mean
time
between
failure
(MTBF) 1.6M hours

Power
Consump
tion
(Active) Average: R : 2100mW ; W : 2000mW

Power
Consump
tion (Idle) 100mW

Temperat
ure
(Operatin
g) 0°C to 70°C

Temperat
ure
(Storage) -40°C to 85°C

Warranty 1. Limited 5-years or 175TBW
 2. Limited warranty based on 5 years or
 175TBW, 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.


* The entire materials provided herein are for reference only. GIGABYTE reserves the right to modify or revise the content at anytime without prior notice.

* Advertised performance is based on maximum theoretical interface values from respective Chipset vendors or organization who defined the interface specification. Actual performance may vary by system configuration.

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* Due to standard PC 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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