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# GIGABYTE UD PRO SSD 1TB

Key Features Specification Support

Buy



Where To Buy



Online Store

GP-UDPRO1T

Interface SATA 6.0Gb/s

Form Factor 2.5-inch internal SSD

Total Capacity 1TB

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 750TBW  
                     2. Limited warranty based on 5 years or  
                     750TBW, 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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