

CONSUMER SSD

Experience lightning-fast responsiveness and upgrade your everyday computing. Boot up in seconds, load applications instantly, and enjoy a smoother workflow.

MP300G3

MiPhi MP300G3 PCIe Gen 3 M.2 Solid State Drive

- Operating Temperature is from 0 to 70 Celsius
- Provides up to 1TB capacity
- Supports PCIe Gen 3.0 x 4 NVMe 1.4



MP300G3

DATA SHEET

CONSUMER SSD

SPECIFICATIONS

	1TB	512GB	256GB
MODEL NUMBER	MP5015100T	MP5015512G	MP5015256G
INTERFACE	PCIe 3.0 x4	PCIe 3.0 x4	PCIe 3.0 x4
NAND Flash	3D TLC	3D TLC	3D TLC
FORM FACTOR	M.2 2280	M.2 2280	M.2 2280
PERFORMANCE²			
Sequential Read up to (MB/s)	3300 MB/s	3200 MB/s	3300 MB/s
Sequential Write up to (MB/s)	3000 MB/s	3000 MB/s	1700 MB/s
Random Read	680K IOPS	400K IOPS	210K IOPS
Random Write	650K IOPS	600K IOPS	316K IOPS
DWPD	0.33	0.33	0.33
UBER	<10-12 bits	<10-12 bits	<10-12 bits
WARRANTY	5 Years	5 Years	5 Years

(1) 1 GB = 1,000,000,000 bytes

(2) Sequential Performance is based on CrystalDiskMark v8, 1 GB range, command size =1MB, QD=32, Thread=1 , and test drive set as secondary
Random Performance is based on CrystalDiskMark v8, 1 GB range, ,command size =4KB, QD=32, Thread=16 , and test drive set as secondary
Numbers are estimated value.



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