

CONSUMER SSD

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

MP500G4

1 SOLID STATE DEPENDABILITY

2 LESS POWER. MORE PLAY.

3 IMPROVED POWER EFFICIENCY



INTERFACE

PCIe 4.0 x4



FORM FACTOR

M.2 Series



CAPACITY

512 GB - 2 TB

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MP500G4

MiPhi MP500G4 PCIe Gen 4 Solid State Drive

- Operating Temperature is from 0 to 70 Celsius
- Provides up to 2TB capacity
- Supports PCIe Gen 4.0 x 4 NVMe 1.4



MP500G4

DATA SHEET

CONSUMER SSD

SPECIFICATIONS

	2TB	1TB	512GB
MODEL NUMBER	MP5021200T	MP5021100T	MP5021512G
INTERFACE	PCIe 4.0 x4	PCIe 4.0 x4	PCIe 4.0 x4
NAND Flash	3D TLC/QLC	3D TLC/QLC	3D TLC/QLC
FORM FACTOR	M.2 2280	M.2 2280	M.2 2280
PERFORMANCE²			
Sequential Read up to (Mb/s)	5000 MB/s	5100 MB/s	5100 MB/s
Sequential Write up to (MB/s)	4200 MB/s	4800 MB/s	4600 MB/s
Random Read	780K IOPS	500K IOPS	250K IOPS
Random Write	800K IOPS	700K IOPS	350K IOPS
DWPD	0.33	0.33	0.33
UBER	<10-16 bits	<10-16 bits	<10-16 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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