

CONSUMER SSD

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

MP1300G5

- 1 SOLID STATE DEPENDABILITY
- 2 LESS POWER. MORE PLAY.
- 3 IMPROVED POWER EFFICIENCY



INTERFACE

PCIe 5.0 x4



FORM FACTOR

M.2 Series



CAPACITY

1 TB - 4 TB

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MiPhi MP1300G5 PCIe Gen 5 M.2 Solid State Drive

- Operating Temperature is from 0 to 70 Celsius
- Provides up to 4TB capacity
- Supports PCIe Gen 5.0 x4 NVMe 2.0



MP1300G5

DATA SHEET

CONSUMER SSD

SPECIFICATIONS

	4TB	2TB	1TB
MODEL NUMBER	MP5026400T	MP5026200T	MP5026100T
INTERFACE	PCIe 5.0 x4	PCIe 5.0 x4	PCIe 5.0 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)	14000 MB/s	14000 MB/s	13000 MB/s
Sequential Write up to (MB/s)	12000 MB/s	12000 MB/s	9500 MB/s
Random Read	1400K IOPS	1400K IOPS	1300K IOPS
Random Write	1400K IOPS	1400K IOPS	1400K IOPS
DWPD	0.38	0.38	0.38
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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