

CONSUMER SSD

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

MP700G4

MiPhi MP700G4 PCIe Gen 4 Solid State Drive

- Operating Temperature is from 0 to 70 Celsius
- Provides up to 8TB capacity
- Supports PCIe Gen 4.0 x 4 NVMe 1.4



MP700G4

DATA SHEET				CONSUMER SSD	
SPECIFICATIONS					
	8TB	4TB	2TB	1TB	512GB
MODEL NUMBER	MP5018800T	MP5018400T	MP5018200T	MP5018100T	MP5018512G
INTERFACE	PCIe 4.0 x4	PCIe 4.0 x4	PCIe 4.0 x4	PCIe 4.0 x4	PCIe 4.0 x4
NAND Flash	3D TLC	3D TLC	3D TLC	3D TLC	3D TLC
FORM FACTOR	M.2 2280	M.2 2280	M.2 2280	M.2 2280	M.2 2280
PERFORMANCE ²					
Sequential Read up to (Mb/s)	7000 MB/s	7200 MB/s	7200 MB/s	7200 MB/s	7000 MB/s
Sequential Write up to (Mb/s)	5900 MB/s	6850 MB/s	6850 MB/s	6000 MB/s	3750MB/s
Random Read	900K IOPS	1150K IOPS	1150K IOPS	1050K IOPS	680K IOPS
Random Write	1000K IOPS	1200K IOPS	1200K IOPS	1200K IOPS	700K IOPS
DWPD					
	0.38	0.38	0.38	0.38	0.38
UBER					
	<10-16 bits	<10-16 bits	<10-16 bits	<10-16 bits	<10-16 bits
WARRANTY					
	5 Years	5 Years	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.



The data within this specification is subject to change by Miphi without notice. Performance numbers may vary based on system configuration and testing conditions. Copyright © 2024 Miphi Semicon India Private Limited. All rights reserved