

MiPhi MP-X100P PCIe Gen 4 Solid State Drive

Part Number	MPX100P200T	MPX100P400T
Capacity	1920 GB	3840 GB
Interface	PCIe 4.0 x4 (single port x4 lanes / dual port x2 lanes)	
Form Factor	U.2 U.3	
NAND Flash	3D TLC	
Performance		
Sequential Read	7400 MB/s	7400 MB/s
Sequential Write	4200 MB/s	6900 MB/s
4K Random Read	1750K IOPS	1750K IOPS
4K Random Write	126K IOPS	188K IOPS
Environmental		
Operating Temperature	0°C to 70°C	
Non-Operating Temperature	−40°C to 85°C	
Reliability & Warranty		
DWPD	1	
UBER	$< 10^{-18}$ bits	

MiPhi MP-X100P PCIe Gen 4 Solid State Drive

Part Number	MPX100P800T	MPX100P1600T	MPX100P3200T
Capacity	7680 GB	15360 GB	30720 GB
Interface	PCIe 4.0 x4 (single port x4 lanes / dual port x2 lanes)		
Form Factor	U.2 U.3		
NAND Flash	3D TLC		
Performance			
Sequential Read	7400 MB/s	7000 MB/s	7000 MB/s
Sequential Write	6900 MB/s	7000 MB/s	6000 MB/s
4K Random Read	1750K IOPS	1600K IOPS	1600K IOPS
4K Random Write	190K IOPS	180K IOPS	180K IOPS
Environmental			
Operating Temperature	0°C to 70°C		
Non-Operating Temperature	−40°C to 85°C		
Reliability & Warranty			
DWPD	1		
UBER	$< 10^{-18}$ bits		