

MiPhi MP-X100E PCIe Gen 4 Solid State Drive

Part Number	MPX100E100T	MPX100E300T
Capacity	1600GB	3200 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	300K IOPS	460K IOPS
Environmental		
Operating Temperature	0°C to 70°C	
Non-Operating Temperature	−40°C to 85°C	
Reliability & Warranty		
DWPD	3	
UBER	$< 10^{-18}$ bits	

MiPhi MP-X100E PCIe Gen 4 Solid State Drive

Part Number	MPX100E600T	MPX100E1300T	MPX100E2600T
Capacity	6400 GB	12800 GB	25600 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	470K IOPS	480K IOPS	450K IOPS
Environmental			
Operating Temperature	0°C to 70°C		
Non-Operating Temperature	−40°C to 85°C		
Reliability & Warranty			
DWPD	3		
UBER	$< 10^{-18}$ bits		