

MiPhi MP-D100P PCIe Gen 4 Solid State Drive

Part Number	MPD100P500G	MPD100P100T
Capacity	480 GB	960 GB
Interface	PCIe 4.0 x4	
Form Factor	M.2 2280/22110	M.2 2280/22110
NAND Flash	3D TLC	
Performance		
Sequential Read	6000 MB/s	6000 MB/s
Sequential Write	700 MB/s	1400 MB/s
4K Random Read	450K IOPS	750K IOPS
4K Random Write	25K IOPS	50K IOPS
Environmental		
Operating Temperature	0°C to 70°C	
Non-Operating Temperature	−40°C to 85°C	
Reliability & Warranty		
DWPD	1	
UBER	$< 10^{-17}$ bits	

MiPhi MP-D100P PCIe Gen 4 Solid State Drive

Part Number	MPD100P200T	MPD100P400T
Capacity	1920 GB	3840 GB
Interface	PCIe 4.0 x4	
Form Factor	M.2 2280/22110	M.2 22110
NAND Flash	3D TLC	
Performance		
Sequential Read	6000 MB/s	4500 MB/s
Sequential Write	1800 MB/s	1700 MB/s
4K Random Read	800K IOPS	400K IOPS
4K Random Write	60K IOPS	40K IOPS
Environmental		
Operating Temperature	0°C to 70°C	
Non-Operating Temperature	−40°C to 85°C	
Reliability & Warranty		
DWPD	1	
UBER	$< 10^{-17}$ bits	