

MiPhi MP-SA50E SATA III Solid State Drive

Part Number	MPSA50E500G	MPSA50E100T
Capacity	480 GB	960 GB
Interface	SATA III	
Form Factor	2.5''	
NAND Flash	3D TLC	
Performance		
Sequential Read	500 MB/s	530 MB/s
Sequential Write	440 MB/s	500 MB/s
4K Random Read	95K IOPS	98K IOPS
4K Random Write	40K IOPS	67K IOPS
Environmental		
Operating Temperature	0°C to 70°C	
Non-Operating Temperature	−40°C to 85°C	
Reliability & Warranty		
DWPD	3	
UBER	$< 10^{-17}$ bits	

MiPhi MP-SA50E SATA III Solid State Drive

Part Number	MPSA50E200T	MPSA50E400T
Capacity	1920 GB	3840 GB
Interface	SATA III	
Form Factor	2.5''	
NAND Flash	3D TLC	
Performance		
Sequential Read	530 MB/s	530 MB/s
Sequential Write	500 MB/s	500 MB/s
4K Random Read	98K IOPS	98K IOPS
4K Random Write	77K IOPS	68K IOPS
Environmental		
Operating Temperature	0°C to 70°C	
Non-Operating Temperature	−40°C to 85°C	
Reliability & Warranty		
DWPD	3	
UBER	$< 10^{-17}$ bits	