



M.2 2280 PCIe GEN4 SED

Features

Capacity: 8TB
Form Factor: E18 M.2 2280
PCIe Interface: Gen4 x4
PCI Express Base 4.0
TCG OPAL

Compliance

TAA Compliant
NVMe Express 1.4
PCI Express Base 4.0
RoHS Compliant

Sustained Performance

Sequential Read: 7000 MB/s
Sequential Write: 5900 MB/s
Random Read: 700K IOPS
Random Write: 1000K IOPS

Reliability

Mean Time Between Failure (MTBF): 1.6M hours
Uncorrectable Bit Error Rate (UBER): <1 sector / 1016 bits read

Environmental Specifications

Commercial grade temperature & humidity test
Shock: Non-Operational 1500G
Vibration: Non-Operational 20Hz~80Hz/1.52mm Frequency/Displacement
80Hz~2000Hz/20G Frequency/Acceleration

Temperature Range

Operation: 0°C ~ 70°C
Storage: -40°C ~ 85°C

Power Consumption

Active Write (Max): 10.5W
Active Read (Max): 10.9W
Idle: <3mW

Part Number

DIG-P4M20G08-08000	Standard bare drive
P4M20G08-08T	For distributors only, same drive but individually boxed
DIG-P4Q80G08-08T	Removable version, for use with SHIPS products
DIG-P4Q8RG08-08T	Rugged removable version, for use with SHIPS products
DIG-P4M20G08-08T-C01	Citadel version, bundled with Pre-Boot Authentication (PBA) Software

Specifications

Product Name:

Technical Support: Your investment in DigiStor products is backed by our free technical support for the lifetime of the product. If you need to contact us for any reason, visit digistor.com/support

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