



M.2 NVMe PCIe Gen 4 x4 Enterprise SSD, 800GB

Reliable M.2 NVMe Enterprise SSD for use in high performance servers and read-intensive workflows

Features

Capacity: 800GB

Form Factor: M.2 2280-D

PCIe Interface: PCIe Gen 4 x4

HW Pfail: Support Tantalum

Compliance

NVMe 1.4

PCI Express Base 4.0

RoHS compliant

Sustained Performance

Sequential Read: up to 6000 MB/s

Sequential Write: up to 1400 MB/s

Random Read: up to 750K IOPS

Random Write: up to 50K IOPS

Reliability

Mean Time Between Failure (MTBF): 2 million hours

Uncorrectable Bit Error Rate (UBER): < 1 sector per 10¹⁷ bits read

TBW: 1900TB

Power Consumption

Active Write: < 11.55 W

Active Read: < 11.55 W

Idle: < 4.2 W

Temperature Range

Operation: 0°C ~ 70°C

Storage: -40°C ~ 85°C

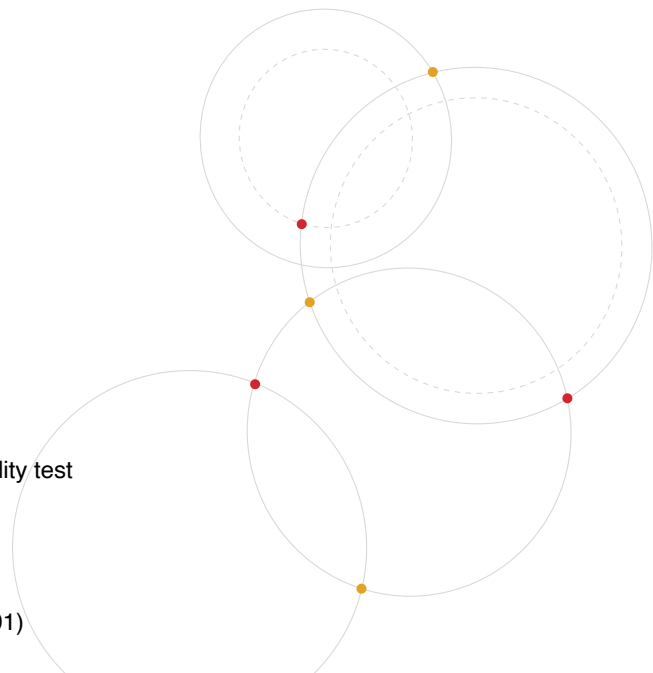
Environment Specifications (Operating) Commercial grade temperature & humidity test

Shock: 1500G/0.5ms

Vibration: 20Hz~80Hz/1.52mm, 80Hz~2000Hz/20 G

Drop: 80cm height/each face

Thermal Cycling: -40°C-80°C/1000 cycles with 50% cumulative failure (IPC-9701)

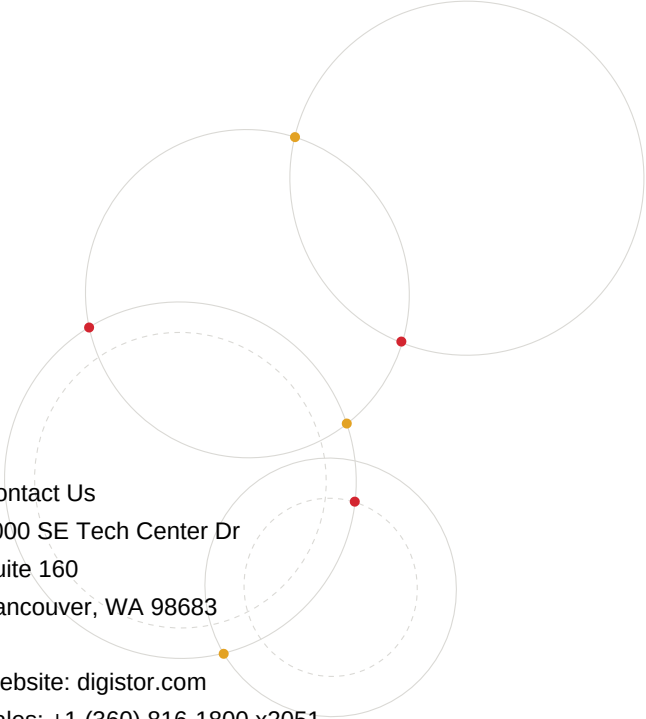


Part Number

DIG-P4M20G34-00800 D

Specifications

Feature	Specification
Part Number	DIG-P4M20G34-00800 D
Product Name	M.2 NVMe PCIe Gen 4 x4 Enterprise SSD, 800GB
Technical Support	Your investment in DIGISTOR products is backed up 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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