



M.2 22110 PCIe Gen 4 x4 Enterprise SSD, 7.68TB

Reliable and blazing fast Enterprise SSD for tactical edge servers

Features

Capacity: 7.68TB

Form Factor: M.2 22110

PCIe Interface: PCIe Gen 4 x4

PCIe Gen 4x4 lane & backward compatible to PCIe Gen 3, Gen 2, and Gen 1

8 IO queues supported (1 admin queue and 8 IO queue). Each IO queue support 256 entries.

HW Pfail Support Tantalum

Compliance

NVMe 1.4

PCI Express Base 4.0

RoHS compliant

Sustained Performance

Sequential Read: up to 3000 MB/s

Sequential Write: up to 1100 MB/s

Random Read: up to 330K IOPS

Random Write: up to 30K IOPS

Reliability

Mean Time Between Failure (MTBF): < 2 million hours

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

Power Consumption

Active Write (Max.): < 11.55 W

Active Read (Max.): < 11.55 W

Idle: < 4.2 W

Temperature Range

Operation: 0°C ~ 70°C

Storage: -40°C ~ 85°C

Environment Specifications

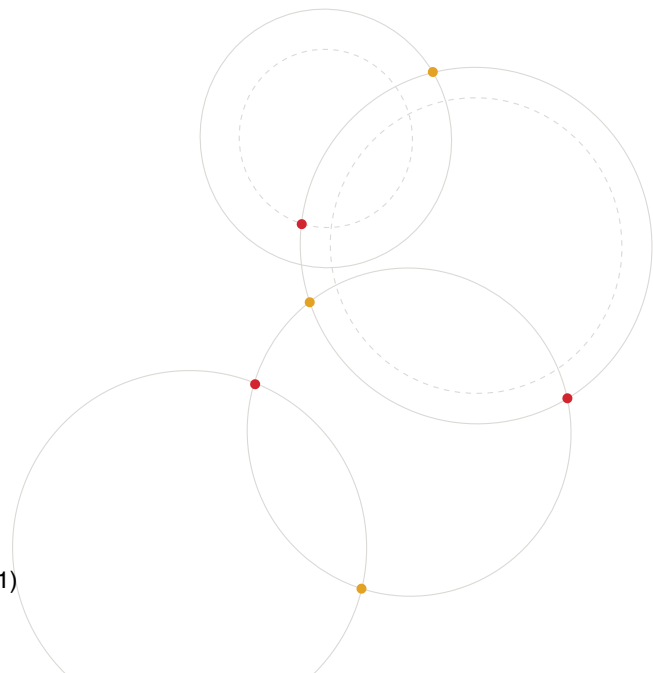
Commercial grade temperature & humidity test

Shock: 1500G/0.5ms

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

Drop: 80cm height/each face

Thermal cycling: -40°C-85°C/1000 cycles with 50% cumulative failure. (IPC-9701)

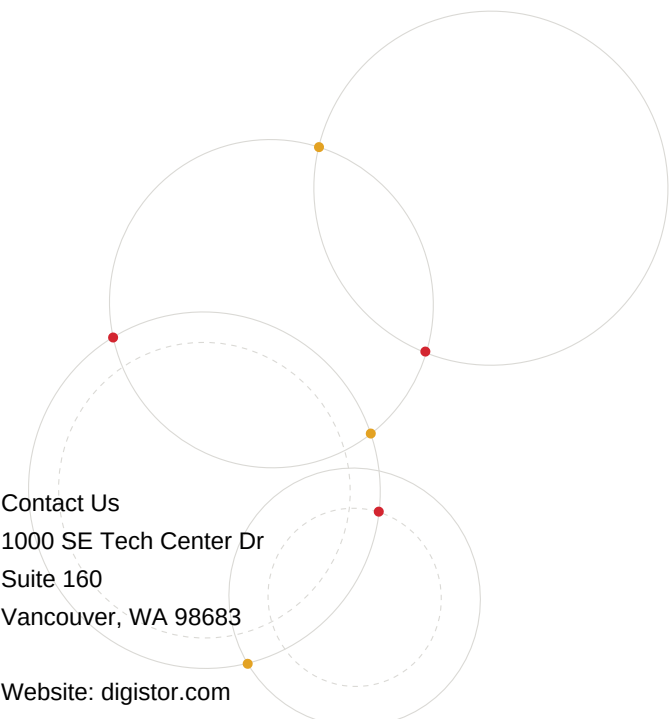


Part Number

DIG-P4M22G35-07680 D

Specifications

Feature	Specification
Part Number	DIG-P4M22G35-07680 D
Product Name	M.2 22110 PCIe Gen 4 x4 NVMe Enterprise SSD, 7.68TB
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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