



ENTERPRISE PCIe 5.0 U.2 SSD 7.68TB

Features

Capacity: 7.68TB

Form Factor: U.2 15mm

PCIe Interface: PCIe Gen5x4

PCIe AER (Advanced Error Reporting)

Single Port x4 lanes

TCG Opal

Physical Presence SID (PSID)

Compliance

TAA Compliant

NVMe Express 2.0

PCI Express Base 5.0

RoHS Compliant

Sustained Performance

Sequential Read: 14,000 MB/s

Sequential Write: 8,500 MB/s

Random Read: 3,200,000 IOPS

Random Write: 390,000 IOPS

Temperature Range

Operation: 0°C to 70°C

Storage: -40°C to 85°C

Reliability

Mean Time Between Failure (MTBF): 2.5 million hours

Uncorrectable Bit Error Rate (UBER): <1 sector per 10¹⁸ bits read

Drive Write Per Day: 1

Power Consumption

Active Write (Max): 23W average RMS

Active Read (Max): 20W average RMS

Idle: 5W

Environmental Specifications

Commercial grade temperature & humidity test

Shock: Operating 500G, 2ms / 1000G, 0.5ms

Vibration: Operating 0-18,000 feet

Non-Operating 500G, 2ms / 1000G, 0.5ms

Non-Operating 0-40,000 feet

Part Number

DIG-P5U20G31-7T6 TG

Specifications

Product Name: Enterprise PCIe 5.0 U.2 SSD

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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