



2.5-inch U.3 NVMe PCIe Gen 4x4 TCG Opal 2.0 Enterprise SSD

Reliable U.3 SSD with TCG Opal 2.0 for use in high performance servers and read-intensive workflows



Features

Capacity: 15.36TB
Form Factor: U.2/U.3 15mm
PCIe Interface: PCIe Gen 4x4
RoHS compliant
Hardware AES-XTS 256-bit Encryption

Compliance

NVMe 1.4
PCI Express Base 4.0

Sustained Performance(Est.)

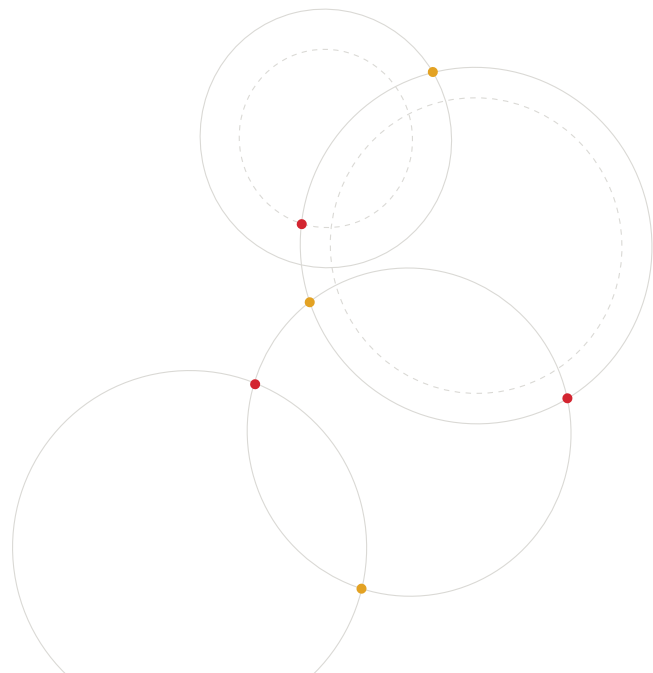
Sequential Read: up to 7000 MB/s
Sequential Write: up to 6800 MB/s
Random Read: up to 1.6M IOPS
Random Write: up to 180K IOPS

Reliability (TBD)

Mean Time Between Failure (MTBF): 2.5 million hours
Uncorrectable Bit Error Rate (UBER): < 1 sector per 10^{18} bits read

Power Consumption

Random Read: 16.2W
Random Write: 19.6W
Sequential Read: 12.3W
Sequential Write: 20.1W
Idle: 7.32 W



Temperature Range

Operation: 0°C ~ 70°C

Storage: -40°C ~ 85°C

Environment Specifications (Operating)

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

Vibration: 200Hz~2000Hz/2.17 Grms

Drop: 80cm height/each face

Altitude: 0 to 18,000 ft.

TBW: 28032

Part Number

DIG-P4U30G31-30720

Specifications

Feature	Specification
Part Number	DIG-P4U30G31-15360
Product Name	2.5-inch U.3 NVMe PCIe Gen 4x4 TCG Opal 2.0 SSD, 15.36TB
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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