

SQF-CU2 EU-2

PCIe Gen.5 x4 U.2 2.5" SSD



Features

- U.2 (SFF-8639) PCIe 2.5" SSD
- Compliant with NVMe 2.0
- PCIe Gen.5 x4 lanes & backward compatible
- AES-256 Support & TCG-OPAL Compliant
- Supports LDPC & RAID ECC
- Read-Intensive and Mixed-Use support
- Heat-spreading design with thermal solution
- SMART and GUI management tool

RoHS COMPLIANT
CE FCC



Specifications

Connect Type	U.2 (SFF-8639)
Flash type	3D TLC
Capacity	1.9TB ~ 15.3TB
Transfer Mode	PCIe Gen.5 x4
Max. Power Consumption	Read: <25 W, Write: <25 W
Sequential R/W Performance (*)	up to 14,000/ 8,500 MB/sec
Random R/W IOPS (*)	up to 3,000K/ 400K
Endurance (DWPD)	Read-Intensive: DWPD 1
Operating Temperature	Commercial grade: 0 to +70 °C
Shock Resistance	1,500 G, peak / 0.5 ms
Vibration Resistance	20 G, peak / 80 ~ 2000 Hz
Dimensions (mm)	100.2 x 69.65 x 15.0

(*) These values are for reference only; they may change according to the flash memory used.

Ordering Information

PN	Description
SQF-CU2G8D1K9GDU2C	SQF PCIe/NVMe Gen.5 U.2 2.5" SSD EU-2 1920G 3D eTLC V7, DWPD 1 (0~70°C)
SQF-CU2GFD3K8GDU2C	SQF PCIe/NVMe Gen.5 U.2 2.5" SSD EU-2 3840G 3D eTLC V7, DWPD 1 (0~70°C)
SQF-CU2GFD7K6GDU2C	SQF PCIe/NVMe Gen.5 U.2 2.5" SSD EU-2 7680G 3D eTLC V7, DWPD 1 (0~70°C)
SQF-CU2GGD15T3DU2C	SQF PCIe/NVMe Gen.5 U.2 2.5" SSD EU-2 15360G 3D eTLC V7, DWPD 1 (0~70°C)