

SQF-CU3 EU-1

PCIe Gen.4 x4 U.3 2.5" SSD



Features

- U.3 (SFF-TA-1001) PCIe 2.5" SSD
- Compliant with NVMe 1.4
- 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



Specifications

Connect Type	U.3 (SFF-TA-1001)
Flash type	3D TLC
Capacity	1.9TB ~ 30.7TB
Transfer Mode	PCIe Gen.4 x4
Max. Power Consumption	Read: 8 W, Write: 8 W
Sequential R/W Performance (*)	up to 7,000/ 6,800 MB/sec
Random R/W IOPS (*)	up to 1,600K/ 180K
Endurance (DWPD)	Read-Intensive: DWPD 1 Mixed-Use: DWPD 3
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 60.85 x 15.0

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

Ordering Information

PN	Description
SQF-CU3G8D1K9GDU1C	SQF PCIe/NVMe Gen.4 U.3 2.5" SSD EU-1 1920G 3D eTLC V6, DWPD 1 (0~70°C)
SQF-CU3GFD3K8GDU1C	SQF PCIe/NVMe Gen.4 U.3 2.5" SSD EU-1 3840G 3D eTLC V6, DWPD 1 (0~70°C)
SQF-CU3GFD7K6GDU1C	SQF PCIe/NVMe Gen.4 U.3 2.5" SSD EU-1 7680G 3D eTLC V6, DWPD 1 (0~70°C)
SQF-CU3GGD15T3DU1C	SQF PCIe/NVMe Gen.4 U.3 2.5" SSD EU-1 15360G 3D eTLC V6, DWPD 1 (0~70°C)
SQF-CU3GGD30T7DU1C	SQF PCIe/NVMe Gen.4 U.3 2.5" SSD EU-1 30720G 3D eTLC V6, DWPD 1 (0~70°C)
SQF-CU3G4D800GDU1C	SQF PCIe/NVMe Gen.4 U.3 2.5" SSD EU-1 800G 3D eTLC V6, DWPD 3 (0~70°C)
SQF-CU3G8D1K6GDU1C	SQF PCIe/NVMe Gen.4 U.3 2.5" SSD EU-1 1600G 3D eTLC V6, DWPD 3 (0~70°C)
SQF-CU3GFD3K2GDU1C	SQF PCIe/NVMe Gen.4 U.3 2.5" SSD EU-1 3200G 3D eTLC V6, DWPD 3 (0~70°C)
SQF-CU3GFD6K4GDU1C	SQF PCIe/NVMe Gen.4 U.3 2.5" SSD EU-1 6400G 3D eTLC V6, DWPD 3 (0~70°C)
SQF-CU3GGD12T8DU1C	SQF PCIe/NVMe Gen.4 U.3 2.5" SSD EU-1 12800G 3D eTLC V6, DWPD 3 (0~70°C)