

SQF-CE1 EU-2

PCIe Gen.5 x4 E1.S SSD

SQF-CE3 EU-2

PCIe Gen.5 x4 E3.S SSD

NEW



Features

- E1.S (EDSFF 9mm/15mm) PCIe/NVMe SSD
- Compliant with NVMe 2.0
- 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	E1.S (EDSFF 1C)
Flash type	3D TLC
Capacity	1.9TB ~ 7.6TB
Transfer Mode	PCIe Gen.5 x4
Max. Power Consumption	Read: 25 W, Write: 25 W
Sequential R/W Performance (*)	up to 14,000/ 8,300 MB/sec
Random R/W IOPS (*)	up to 3,000K/ 220K
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)	118.75 x 33.75 x 9.00 118.75 x 33.75 x 15.00

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

Ordering Information

PN	Description
SQF-CE1G8D1K9GDU2C	SQF PCIe/NVMe Gen.5 E1.S SSD EU-2 1920G 3D eTLC V7, DWPD 1, 9mm (0~70°C)
SQF-CE1G8D3K8GDU2C	SQF PCIe/NVMe Gen.5 E1.S SSD EU-2 3840G 3D eTLC V7, DWPD 1, 9mm (0~70°C)
SQF-CE1GFD7K6GDU2D	SQF PCIe/NVMe Gen.5 E1.S SSD EU-2 7680G 3D eTLC V7, DWPD 1, 15mm (0~70°C)

NEW



Features

- E3.S (EDSFF 7.5mm) PCIe/NVMe SSD
- Compliant with NVMe 2.0
- 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	E3.S (EDSFF 1C)
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/ 480K
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)	112.75 x 76.00 x 7.50

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

Ordering Information

PN	Description
SQF-CE3G8D1K9GDU2C	SQF PCIe/NVMe Gen.5 E3.S SSD EU-2 1920G 3D eTLC V7, DWPD 1, 7.5mm (0~70°C)
SQF-CE3GFD3K8GDU2C	SQF PCIe/NVMe Gen.5 E3.S SSD EU-2 3840G 3D eTLC V7, DWPD 1, 7.5mm (0~70°C)
SQF-CE3GFD7K6GDU2C	SQF PCIe/NVMe Gen.5 E3.S SSD EU-2 7680G 3D eTLC V7, DWPD 1, 7.5mm (0~70°C)
SQF-CE3GGD15T3DU2C	SQF PCIe/NVMe Gen.5 E3.S SSD EU-2 15360G 3D eTLC V7, DWPD 1, 7.5mm (0~70°C)