

SQF-CM8 910C

PCIe III x4 M.2 2280 SSD

SQF-C25 910C

U.2 PCIe III x4 2.5" SSD (SFF-8639)

NEW



RoHS COMPLIANT CE FCC



Features

- NGFF M.2 2280 SSD
- Compliant with PCIe Gen. III x4 interface and NVMe 1.1
- Supports 120 bit ECC correct per 2K Byte data
- Duo-quad core processor with stable throughput
- Preserved pin for Voltage Stabilizer support
- GUI management tool & software API package
- GPIO preserved for security function control

Specifications

Connector Type	NGFF M key
Flash type	SLC / Ultra MLC / MLC
Capacity	SLC: 50 to 200 GB Ultra MLC: 50 to 400 GB MLC: 100 to 800 GB
Transfer Mode	PCIe III x4
Max. Power Consumption	2A
Sustained R/W Performance (*)	Up to 2.5 / 1.5 GB/sec
Operating Temperature	0 to +70° C
Shock Resistance	1,500 G, peak / 0.5 ms
Vibration Resistance	20 G, peak / 80 ~ 2000 Hz
Dimensions (mm)	80.8 x 22.0 x 3.8

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

Ordering Information

PN	Description
SQF-CM8S8-xG-E7C	SQFlash 910C series M.2 2280 PCIe SSD 50/100/200 GB SLC (0 ~ 70° C)
SQF-CM8U8-xG-E7C	SQFlash 910C series M.2 2280 PCIe SSD 50/100/200/400 GB Ultra MLC (0 ~ 70° C)
SQF-CM8M8-xG-E7C	SQFlash 910C series M.2 2280 PCIe SSD 100/200/400/800 GB MLC (0 ~ 70° C)

Note: X stands for different capacities

NEW



RoHS COMPLIANT CE FCC



Features

- U.2 (SFF-8639) PCIe 2.5" SSD
- Compliant with PCIe Gen. III x4 interface and NVMe 1.1
- Supports 120 bit ECC correct per 2K Byte data
- Duo-quad core processor with stable throughput
- Support Voltage Stabilizer
- GUI management tool & software API package
- GPIO preserved for security function control

Specifications

Connector Type	U.2 (SFF-8639)
Flash type	SLC / Ultra MLC / MLC
Capacity	SLC: 50 to 400 GB Ultra MLC: 50 to 800 GB MLC: 100 to 1600 GB
Transfer Mode	PCIe III x4
Max. Power Consumption	2A
Sustained R/W Performance (*)	Up to 2.8 / 1.5 GB/sec
Operating Temperature	0 to +70° C
Shock Resistance	1,500 G, peak / 0.5 ms
Vibration Resistance	20 G, peak / 80 ~ 2000 Hz
Dimensions (mm)	100.00 x 69.85 x 9.5

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

Ordering Information

PN	Description
SQF-C25S8-xG-E7C	SQFlash 910C series 2.5" PCIe SSD 50/100/200/400 GB SLC (0 ~ 70° C)
SQF-C25U8-xG-E7C	SQFlash 910C series 2.5" PCIe SSD 50/100/200/400/800 GB Ultra MLC (0 ~ 70° C)
SQF-C25M8-xG-E7C	SQFlash 910C series 2.5" PCIe SSD 50/100/200/400/800/1600 (1K6) GB MLC ((0 ~ 70° C)

Note: X stands for different capacities