

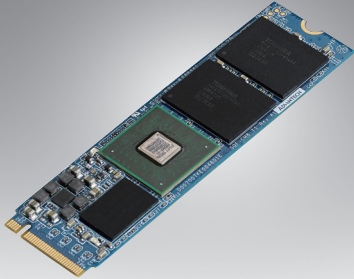
SQF-CM8 910C

PCIe III x4 M.2 2280 SSD

SQF-C25 910C

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

NEW



RoHS COMPLIANT 2002/95/EC 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

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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