

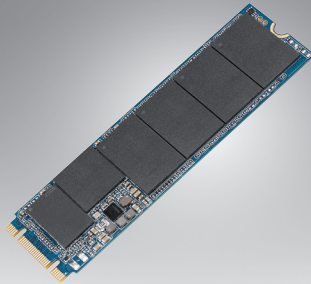
# SQF-CM8 710

PCIe III x2 M.2 2280 SSD

# SQF-CM3 710

PCIe III x2 M.2 2230 SSD

NEW



RoHS COMPLIANT 2002/95/EC CE FCC



## Features

- NGFF M.2 2280 (B-M Key) SSD
- Compliant with PCIe Gen. III x2 interface and NVMe 1.2
- Support StrongECCTM (SECC) of ECC algorithm
- GPIO preserved for security function control
- GUI management tool & software API package

## Specifications

Connect Type	NGFF B-M Key
Flash type	3D NAND
Capacity	128GB ~ 1TB
Transfer Mode	PCIe III x2
Max. Power Consumption	Read: 1260 mA, Write: 990 mA
Sustained R/W Performance (*)	up to 1600/ 1080 MB/sec
Operating Temperature	Commercial grade: 0 to +70 °C Industrial grade: -40 to +85 °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

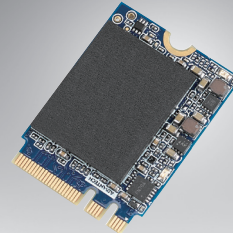
(\*) These values are for reference only; they may change according to the flash memory used.

## Ordering Information

PN	Description
SQF-CM8V2-128G-E8C	SQF PCIe/NVMe M.2 2280 710 128G 3D NAND (0 ~ 70 °C)
SQF-CM8V4-xxG-E8C	SQF PCIe/NVMe M.2 2280 710 256G/512G/1TB 3D NAND (0 ~ 70 °C)
SQF-CM8V2-128G-E8E	SQF PCIe/NVMe M.2 2280 710 128G 3D NAND (-40 ~ 85 °C)
SQF-CM8V4-xxG-E8E	SQF PCIe/NVMe M.2 2280 710 256G/512G/1TB 3D NAND (-40 ~ 85 °C)

Note: X stands for different capacities

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## Features

- NGFF M.2 2230 (A-E Key) SSD
- Compliant with PCIe Gen. III x2 interface and NVMe 1.2
- Support StrongECCTM (SECC) of ECC algorithm
- GPIO preserved for security function control
- GUI management tool & software API package

## Specifications

Connect Type	NGFF A-E Key
Flash type	3D NAND
Capacity	64GB ~ 512GB
Transfer Mode	PCIe III x2
Max. Power Consumption	Read: 800mA, Write: 700 mA
Sustained R/W Performance (*)	up to 1600/ 850 MB/sec
Operating Temperature	Commercial grade: 0 to +70 °C Industrial grade: -40 to +85 °C
Shock Resistance	1,500 G, peak / 0.5 ms
Vibration Resistance	20 G, peak / 80 ~ 2000 Hz
Dimensions (mm)	30.0 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-CM3V2-64G-E8C	SQF PCIe/NVMe M.2 2230 710 64G 3D NAND (0 ~ 70 °C)
SQF-CM3V4-128G-E8C	SQF PCIe/NVMe M.2 2230 710 128G 3D NAND (0 ~ 70 °C)
SQF-CM3V8-xxG-E8C	SQF PCIe/NVMe M.2 2230 710 256G/512GB 3D NAND (0 ~ 70 °C)
SQF-CM3V2-64G-E8E	SQF PCIe/NVMe M.2 2230 710 64G 3D NAND (-40 ~ 85 °C)
SQF-CM3V4-128G-E8E	SQF PCIe/NVMe M.2 2230 710 128G 3D NAND (-40 ~ 85 °C)
SQF-CM3V8-xxG-E8E	SQF PCIe/NVMe M.2 2230 710 256G/512GB 3D NAND (-40 ~ 85 °C)

Note: X stands for different capacities