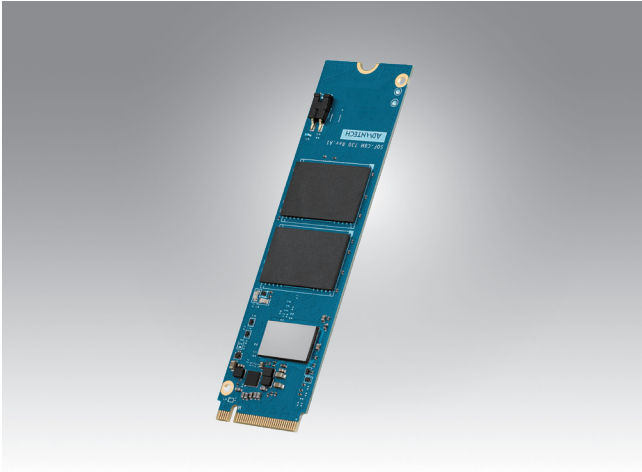


SQF-C8M 730-D

PCIe Gen.4 x4 M.2 2280 SSD



Features

- NGFF M.2 2280 (M Key)
- Compliant with NVMe 1.4
- AES-256 Support & TCG-OPAL Compliant
- Supports LDPC & RAID ECC
- SMART and GUI management tool



Specifications

Connect Type	NGFF M Key
Flash type	3D TLC
Capacity	256GB ~ 4TB
Transfer Mode	PCIe Gen.4 x4
Max. Power Consumption	Read: 5.1 W, Write: 4.8 W
Sequential R/W Performance (*)	up to 4,900/ 3,700 MB/sec
Operating Temperature	Commercial grade: 0 to +70 °C Middle grade: -20 to +85 °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)	80.0 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-C8MV2-256GDEFC	SQF PCIe/NVMe Gen.4 M.2 2280 OPAL 730-D 256G 3D TLC BiCS5 (0~70°C)
SQF-C8MV2-512GDEFC	SQF PCIe/NVMe Gen.4 M.2 2280 OPAL 730-D 512G 3D TLC BiCS5 (0~70°C)
SQF-C8MV4-1TDEFC	SQF PCIe/NVMe Gen.4 M.2 2280 OPAL 730-D 1T 3D TLC BiCS5 (0~70°C)
SQF-C8MV4-2TDEFC	SQF PCIe/NVMe Gen.4 M.2 2280 OPAL 730-D 2T 3D TLC BiCS5 (0~70°C)
SQF-C8MV4-4TDEFC	SQF PCIe/NVMe Gen.4 M.2 2280 OPAL 730-D 4T 3D TLC BiCS5 (0~70°C)
SQF-C8MV2-256GDEFM	SQF PCIe/NVMe Gen.4 M.2 2280 OPAL 730-D 256G 3D TLC BiCS5 (-20~85°C)
SQF-C8MV2-512GDEFM	SQF PCIe/NVMe Gen.4 M.2 2280 OPAL 730-D 512G 3D TLC BiCS5 (-20~85°C)
SQF-C8MV4-1TDEFM	SQF PCIe/NVMe Gen.4 M.2 2280 OPAL 730-D 1T 3D TLC BiCS5 (-20~85°C)
SQF-C8MV4-2TDEFM	SQF PCIe/NVMe Gen.4 M.2 2280 OPAL 730-D 2T 3D TLC BiCS5 (-20~85°C)
SQF-C8MV4-4TDEFM	SQF PCIe/NVMe Gen.4 M.2 2280 OPAL 730-D 4T 3D TLC BiCS5 (-20~85°C)
SQF-C8MV2-256GDEFE	SQF PCIe/NVMe Gen.4 M.2 2280 OPAL 730-D 256G 3D TLC BiCS5 (-40~85°C)
SQF-C8MV2-512GDEFE	SQF PCIe/NVMe Gen.4 M.2 2280 OPAL 730-D 512G 3D TLC BiCS5 (-40~85°C)
SQF-C8MV4-1TDEFE	SQF PCIe/NVMe Gen.4 M.2 2280 OPAL 730-D 1T 3D TLC BiCS5 (-40~85°C)
SQF-C8MV4-2TDEFE	SQF PCIe/NVMe Gen.4 M.2 2280 OPAL 730-D 2T 3D TLC BiCS5 (-40~85°C)