

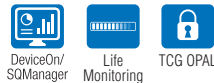
SQF-C4M 720-D

PCIe Gen.3 x4 M.2 2242 SSD



Features

- NGFF M.2 2242 (M Key)
- Compliant with NVMe 1.3
- AES-256 Support & TCG-OPAL Compliant
- Supports LDPC & RAID ECC
- GUI management tool & software API package
- Multiple Temperature Range Product Selection



Specifications

| | |
|-------------------------------|--|
| Connect Type | NGFF M Key |
| Flash type | 3D TLC |
| Capacity | 128GB ~ 2TB |
| Transfer Mode | PCIe Gen.3 x4 |
| Max. Power Consumption | Read: 3.5 W, Write: 3.4 W |
| Sustained R/W Performance (*) | up to 2,450/ 1,900 MB/sec |
| Operating Temperature | Commercial Temperature: 0 to +70 °C Minus Temperature: -20 to +85 °C Extended Temperature: -40 to +85 °C |
| Shock Resistance | 1,500 G, peak / 0.5 ms |
| Vibration Resistance | 20 G, peak / 80 ~ 2000 Hz |
| Dimensions (mm) | 42.0 x 22.0 x 3.5 |

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

Ordering Information

| PN | Description |
|--------------------|--|
| SQF-C4MV2-128GDEDC | SQF PCIe/NVMe M.2 2242 OPAL 720-D 128G 3D TLC BiCS5 (0~70°C) |
| SQF-C4MV2-256GDEDC | SQF PCIe/NVMe M.2 2242 OPAL 720-D 256G 3D TLC BiCS5 (0~70°C) |
| SQF-C4MV2-512GDEDC | SQF PCIe/NVMe M.2 2242 OPAL 720-D 512G 3D TLC BiCS5 (0~70°C) |
| SQF-C4MV4-1TDEDC | SQF PCIe/NVMe M.2 2242 OPAL 720-D 1T 3D TLC BiCS5 (0~70°C) |
| SQF-C4MV4-2TDEDC | SQF PCIe/NVMe M.2 2242 OPAL 720-D 2T 3D TLC BiCS5 (0~70°C) |
| SQF-C4MV2-128GDEDM | SQF PCIe/NVMe M.2 2242 OPAL 720-D 128G 3D TLC BiCS5 (-20~85°C) |
| SQF-C4MV2-256GDEDM | SQF PCIe/NVMe M.2 2242 OPAL 720-D 256G 3D TLC BiCS5 (-20~85°C) |
| SQF-C4MV2-512GDEDM | SQF PCIe/NVMe M.2 2242 OPAL 720-D 512G 3D TLC BiCS5 (-20~85°C) |
| SQF-C4MV4-1TDEDM | SQF PCIe/NVMe M.2 2242 OPAL 720-D 1T 3D TLC BiCS5 (-20~85°C) |
| SQF-C4MV4-2TDEDM | SQF PCIe/NVMe M.2 2242 OPAL 720-D 2T 3D TLC BiCS5 (-20~85°C) |
| SQF-C4MV2-128GDEDE | SQF PCIe/NVMe M.2 2242 OPAL 720-D 128G 3D TLC BiCS5 (-40~85°C) |
| SQF-C4MV2-256GDEDE | SQF PCIe/NVMe M.2 2242 OPAL 720-D 256G 3D TLC BiCS5 (-40~85°C) |
| SQF-C4MV2-512GDEDE | SQF PCIe/NVMe M.2 2242 OPAL 720-D 512G 3D TLC BiCS5 (-40~85°C) |
| SQF-C4MV4-1TDEDE | SQF PCIe/NVMe M.2 2242 OPAL 720-D 1T 3D TLC BiCS5 (-40~85°C) |
| SQF-C4MV4-2TDEDE | SQF PCIe/NVMe M.2 2242 OPAL 720-D 2T 3D TLC BiCS5 (-40~85°C) |