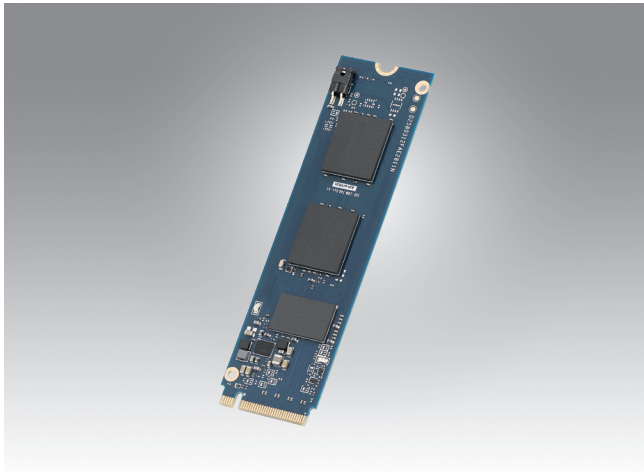


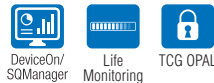
SQF-C8M 740-F

PCIe Gen5 x4 M.2 2280 SSD



Features

- NGFF M.2 2280 (M Key)
- Compliant with NVMe 2.0
- 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 | 512GB ~ 4TB |
| Transfer Mode | PCIe Gen5 x4 |
| Max. Power Consumption | Read: 5.9 W, Write: 5.1 W |
| Sequential R/W Performance (*) | up to 10,300/ 8,600 MB/sec |
| Operating Temperature | Middle grade: -25 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-C8MV1-512GFEHM | SQF 740-F PCIe /NVMe M 2 2280 (M Key) 512 G 3D TLC BiCS8 (-25 ~ 85°C) |
| SQF-C8MV2-1TFEHM | SQF 740-F PCIe /NVMe M 2 2280 (M Key) 1T 3D TLC BiCS8 (-25 ~ 85°C) |
| SQF-C8MV2-2TFEHM | SQF 740-F PCIe /NVMe M 2 2280 (M Key) 2T 3D TLC BiCS8 (-25 ~ 85°C) |
| SQF-C8MV4-4TFEHM | SQF 740-F PCIe /NVMe M 2 2280 (M Key) 4T 3D TLC BiCS8 (-25 ~ 85°C) |
| SQF-C8MV1-512GFEHE | SQF 740-F PCIe /NVMe M 2 2280 (M Key) 512 G 3D TLC BiCS8 (-40 ~ 85°C) |
| SQF-C8MV2-1TFEHE | SQF 740-F PCIe /NVMe M 2 2280 (M Key) 1T 3D TLC BiCS8 (-40 ~ 85°C) |
| SQF-C8MV2-2TFEHE | SQF 740-F PCIe /NVMe M 2 2280 (M Key) 2T 3D TLC BiCS8 (-40 ~ 85°C) |