SQF-C3A 720-D

PCIe Gen.3 x2 M.2 2230 SSD

Features

- NGFF M.2 2230 (A+E Key)
- Compliant with NVMe 1.3
- AES-256 Support & TCG-OPAL Compliant
- Supports LDCP & RAID ECC
- Support H/W Write Protection
- GUI management tool & software API package
- Multiple Temperature Range Product Selection

RoHS COMPLIANT 2002/95/EC CE FCC

DeviceOn/ SQManager | Life Monitoring | TCG OPAL

Specifications

Connect Type	NGFF A+E Key
Flash type	3D TLC
Capacity	128GB ~ 512GB
Transfer Mode	PCIe Gen.3 x2
Max. Power Consumption	Read: 1.9 W, Write: 1.9 W
Sustained R/W Performance (*)	up to 1,200/ 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)	30.0 x 22.0 x 3.8

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

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Ordering Information

PN	Description
SQF-C3AV1-128GDEDC	SQF PCIe/NVMe M.2 2230 OPAL 720-D 128G 3D TLC BiCS5 (0~70°C)
SQF-C3AV1-256GDEDC	SQF PCIe/NVMe M.2 2230 OPAL 720-D 256G 3D TLC BiCS5 (0~70°C)
SQF-C3AV1-512GDEDC	SQF PCIe/NVMe M.2 2230 OPAL 720-D 512G 3D TLC BiCS5 (0~70°C)
SQF-C3AV1-128GDEDM	SQF PCIe/NVMe M.2 2230 OPAL 720-D 128G 3D TLC BiCS5 (-20~85°C)
SQF-C3AV1-256GDEDM	SQF PCIe/NVMe M.2 2230 OPAL 720-D 256G 3D TLC BiCS5 (-20~85°C)
SQF-C3AV1-512GDEDM	SQF PCIe/NVMe M.2 2230 OPAL 720-D 512G 3D TLC BiCS5 (-20~85°C)
SQF-C3AV1-128GDEDE	SQF PCIe/NVMe M.2 2230 OPAL 720-D 128G 3D TLC BiCS5 (-40~85°C)
SQF-C3AV1-256GDEDE	SQF PCIe/NVMe M.2 2230 OPAL 720-D 256G 3D TLC BiCS5 (-40~85°C)
SQF-C3AV1-512GDEDE	SQF PCIe/NVMe M.2 2230 OPAL 720-D 512G 3D TLC BiCS5 (-40~85°C)

All product specifications are subject to change without notice.