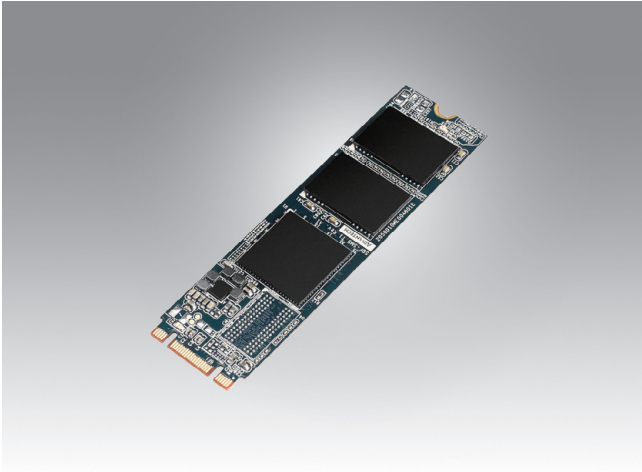


SQF-SM8 840

SATA III (6.0Gb) M.2 2280 SSD



Features

- SATA 3.2 Compliant
- AES-256 Support & TCG-OPAL Compliant
- Supports LDCP & RAID ECC
- GUI management tool & software API package
- Shock resistance and anti-vibration

RoHS
COMPLIANT
PRODUCT

CE FCC



DeviceOn/
SQManager



Life
Monitoring



TCG OPAL



Emergency
Erase

Specifications

Connect Type	NGFF B&M Key
Flash type	3D TLC
Capacity	240GB ~ 1.9TB
Transfer Mode	SATA III (Up to 6Gb/s)
Max. Power Consumption	Read: 2 W, Write: 3 W
Sustained R/W Performance (*)	up to 550/ 530 MB/sec
Operating Temperature	Commercial Temperature: 0 to +70 °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)	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-SM8V2-240GDSCC	SQF M.2 2280 SATA SSD 840-D 240G 3D TLC BiCS5 (0 ~ 70 °C)
SQF-SM8V4-480GDSCC	SQF M.2 2280 SATA SSD 840-D 480G 3D TLC BiCS5 (0 ~ 70 °C)
SQF-SM8V4-960GDSCC	SQF M.2 2280 SATA SSD 840-D 960G 3D TLC BiCS5 (0 ~ 70 °C)
SQF-SM8V4-1K9GDSCC	SQF M.2 2280 SATA SSD 840-D 1920G 3D TLC BiCS5 (0 ~ 70 °C)
SQF-SM8V2-240GDSCE	SQF M.2 2280 SATA SSD 840-D 240G 3D TLC BiCS5 (-40 ~ 85 °C)
SQF-SM8V4-480GDSCE	SQF M.2 2280 SATA SSD 840-D 480G 3D TLC BiCS5 (-40 ~ 85 °C)
SQF-SM8V4-960GDSCE	SQF M.2 2280 SATA SSD 840-D 960G 3D TLC BiCS5 (-40 ~ 85 °C)
SQF-SM8V4-1K9GDSCE	SQF M.2 2280 SATA SSD 840-D 1920G 3D TLC BiCS5 (-40 ~ 85 °C)