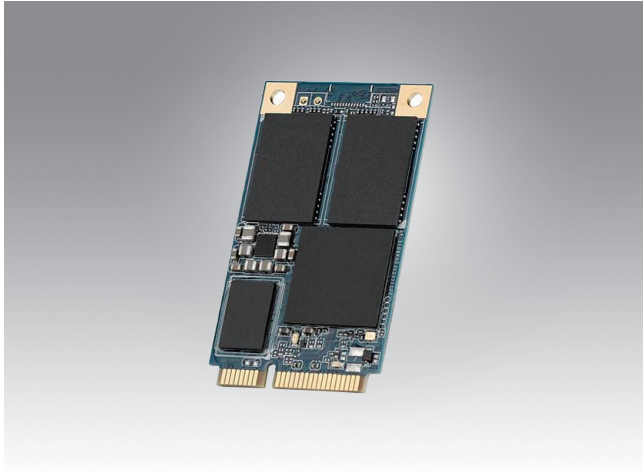


SQF-SMS 840

SATA III (6.0Gb) mSATA 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	Mini PCIe 52pin connector with SATA pin-out
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)	50.8 x 30.0 x 4.2

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

Ordering Information

PN	Description
SQF-SMSV2-240GDSCC	SQF mSATA SSD 840-D (OPAL) 240G 3D TLC BiCS5 (0 ~ 70 °C)
SQF-SMSV4-480GDSCC	SQF mSATA SSD 840-D (OPAL) 480G 3D TLC BiCS5 (0 ~ 70 °C)
SQF-SMSV4-960GDSCC	SQF mSATA SSD 840-D (OPAL) 960G 3D TLC BiCS5 (0 ~ 70 °C)
SQF-SMSV4-1K9GDSCC	SQF mSATA SSD 840-D (OPAL) 1920G 3D TLC BiCS5 (0 ~ 70 °C)
SQF-SMSV2-240GDSCE	SQF mSATA SSD 840-D (OPAL) 240G 3D TLC BiCS5 (-40 ~ 85 °C)
SQF-SMSV4-480GDSCE	SQF mSATA SSD 840-D (OPAL) 480G 3D TLC BiCS5 (-40 ~ 85 °C)
SQF-SMSV4-960GDSCE	SQF mSATA SSD 840-D (OPAL) 960G 3D TLC BiCS5 (-40 ~ 85 °C)
SQF-SMSV4-1K9GDSCE	SQF mSATA SSD 840-D (OPAL) 1920G 3D TLC BiCS5 (-40 ~ 85 °C)