

SQF-SMS 660

SATA III (6.0Gb) mSATA SSD



Features

- SATA III(6.0GHz), SATA II(3.0GHz) and SATA I (1.5GHz) Compliant
- 20 to +75 °C (Withstand peak at up to -40°C or 85°C for 1hr)
- Supports LDPC & RAID ECC
- GUI management tool & software API package
- SMART, SLog & SAnalyzer for diagnosis



Specifications

Connect Type	Mini PCIe 52pin connector with SATA pin-out
Flash type	3D TLC BiCS5
Capacity	128GB ~ 2TB
Transfer Mode	SATA III (Up to 6Gb/s)
Max. Power Consumption	Read: 1.7 W, Write:2.2 W
R/W Performance (*)	up to 550/ 520 MB/sec
Operating Temperature	Middle Temperature: -20 to +75 °C (Withstand peak at up to -40°C or 85°C for 1hr)
Shock Resistance	1,500 G, peak / 0.5 ms ; 3 axes
Vibration Resistance	20 G, peak / 7 ~ 2000 Hz; 3 axes
Dimensions (mm)	50.8 x 30.0 x 4.2
GUI management tool	SQ Manager 2.0, Device On
Diagnose	SMART, SLog & SAnalyzer

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

Ordering Information

3D TLC BiCS5

PN	Description
SQF-SMSV1F128GDSEQ	SQF mSATA SSD 660 128G 3D TLC (BiCS5) (-20~75°C)
SQF-SMSV1F256GDSEQ	SQF mSATA SSD 660 256G 3D TLC (BiCS5) (-20~75°C)
SQF-SMSV2F512GDSEQ	SQF mSATA SSD 660 512G 3D TLC (BiCS5) (-20~75°C)
SQF-SMSV4F1TDSEQ	SQF mSATA SSD 660 1T 3D TLC (BiCS5) (-20~75°C)
SQF-SMSV4F2TDSEQ	SQF mSATA SSD 660 2T 3D TLC (BiCS5) (-20~75°C)