

# SQF-S4B 660

SATA III (6.0Gb) M.2 2242 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, SQLog & SQAnalyzer for diagnosis



## Specifications

Connect Type	NGFF B&M Key
Flash type	3D TLC BiCS5
Capacity	64GB ~ 1TB
Transfer Mode	SATA III (Up to 6Gb/s)
Max. Power Consumption	Read: 1.4 W, Write:1.8 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)	42.0 x 22.0 x 3.8
GUI management tool	SQ Manager 2.0, Device On
Diagnose	SMART, SQLog & SQAnalyzer

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

## Ordering Information

### 3D TLC BiCS5

PN	Description
SQF-S4BV1F64GDSEQ	SQF M.2 2242 SSD 660 64G 3D TLC (BiCS5) (-20~75°C)
SQF-S4BV1F128GDSEQ	SQF M.2 2242 SSD 660 128G 3D TLC (BiCS5) (-20~75°C)
SQF-S4BV1F256GDSEQ	SQF M.2 2242 SSD 660 256G 3D TLC (BiCS5) (-20~75°C)
SQF-S4BV2F512GDSEQ	SQF M.2 2242 SSD 660 512G 3D TLC (BiCS5) (-20~75°C)
SQF-S4BV4F1TDSEQ	SQF M.2 2242 SSD 660 1T 3D TLC (BiCS5) (-20~75°C)