

# SQF-S25 840

SATA III (6.0Gb) 2.5" SSD



## Features

- SATA 3.2 Compliant
- AES-256 Support & TCG-OPAL Compliant
- Support HW Write Protection
- Supports LDPC & RAID ECC
- GUI management tool & software API package
- High Endurance sTLC Product Selection



## Specifications

Connect Type	Standard 7+15-pin SATA connector
Flash type	3D TLC
Capacity	240GB ~ 7.6TB (sTLC 60GB ~ 1.9TB)
Transfer Mode	SATA III (Up to 6Gb/s)
Max. Power Consumption	Read: 2.6 W, Write: 3.7 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)	100.0 x 69.85 x 7.0

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

## Ordering Information

PN	Description
SQF-S25V4-240GDSCC	SQF 2.5 SATA SSD 840-D 240G 3D TLC (0 ~ 70 °C)
SQF-S25V4-480GDSCC	SQF 2.5 SATA SSD 840-D 480G 3D TLC (0 ~ 70 °C)
SQF-S25V4-960GDSCC	SQF 2.5 SATA SSD 840-D 960G 3D TLC (0 ~ 70 °C)
SQF-S25V8-1K9GDSCC	SQF 2.5 SATA SSD 840-D 1920G 3D TLC (0 ~ 70 °C)
SQF-S25V8-3K8GDSCC	SQF 2.5 SATA SSD 840-D 3840G 3D TLC (0 ~ 70 °C)
SQF-S25VF-7K6GDSCC	SQF 2.5 SATA SSD 840-D 7680G 3D TLC (0 ~ 70 °C)
SQF-S25V4-240GDSC	SQF 2.5 SATA SSD 840-D 240G 3D TLC (-40 ~ 85 °C)
SQF-S25V4-480GDSC	SQF 2.5 SATA SSD 840-D 480G 3D TLC (-40 ~ 85 °C)
SQF-S25V4-960GDSC	SQF 2.5 SATA SSD 840-D 960G 3D TLC (-40 ~ 85 °C)
SQF-S25V8-1K9GDSC	SQF 2.5 SATA SSD 840-D 1920G 3D TLC (-40 ~ 85 °C)
SQF-S25V8-3K8GDSC	SQF 2.5 SATA SSD 840-D 3840G 3D TLC (-40 ~ 85 °C)
SQF-S25VF-7K6GDSC	SQF 2.5 SATA SSD 840-D 7680G 3D TLC (-40 ~ 85 °C)
SQF-S25Z4-60GDSCC	SQF 2.5 SATA SSD 840-D 60G 3D sTLC (0 ~ 70 °C)
SQF-S25Z4-120GDSCC	SQF 2.5 SATA SSD 840-D 120G 3D sTLC (0 ~ 70 °C)
SQF-S25Z4-240GDSCC	SQF 2.5 SATA SSD 840-D 240G 3D sTLC (0 ~ 70 °C)
SQF-S25Z8-480GDSCC	SQF 2.5 SATA SSD 840-D 480G 3D sTLC (0 ~ 70 °C)
SQF-S25Z8-960GDSCC	SQF 2.5 SATA SSD 840-D 960G 3D sTLC (0 ~ 70 °C)
SQF-S25ZF-1K9GDSCC	SQF 2.5 SATA SSD 840-D 1920G 3D sTLC (0 ~ 70 °C)
SQF-S25Z4-60GDSC	SQF 2.5 SATA SSD 840-D 60G 3D sTLC (-40 ~ 85 °C)
SQF-S25Z4-120GDSC	SQF 2.5 SATA SSD 840-D 120G 3D sTLC (-40 ~ 85 °C)
SQF-S25Z4-240GDSC	SQF 2.5 SATA SSD 840-D 240G 3D sTLC (-40 ~ 85 °C)
SQF-S25Z8-480GDSC	SQF 2.5 SATA SSD 840-D 480G 3D sTLC (-40 ~ 85 °C)
SQF-S25Z8-960GDSC	SQF 2.5 SATA SSD 840-D 960G 3D sTLC (-40 ~ 85 °C)
SQF-S25ZF-1K9GDSC	SQF 2.5 SATA SSD 840-D 1920G 3D sTLC (-40 ~ 85 °C)