

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

RoHS COMPLIANT PRODUCT CE FCC



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-S25V4-240GDSCE | SQF 2.5 SATA SSD 840-D 240G 3D TLC (-40 ~ 85 °C) |
| SQF-S25V4-480GDSCE | SQF 2.5 SATA SSD 840-D 480G 3D TLC (-40 ~ 85 °C) |
| SQF-S25V4-960GDSCE | SQF 2.5 SATA SSD 840-D 960G 3D TLC (-40 ~ 85 °C) |
| SQF-S25V8-1K9GDSCE | SQF 2.5 SATA SSD 840-D 1920G 3D TLC (-40 ~ 85 °C) |
| SQF-S25V8-3K8GDSCE | SQF 2.5 SATA SSD 840-D 3840G 3D TLC (-40 ~ 85 °C) |
| SQF-S25VF-7K6GDSCE | 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-S25Z4-60GDSCE | SQF 2.5 SATA SSD 840-D 60G 3D sTLC (-40 ~ 85 °C) |
| SQF-S25Z4-120GDSCE | SQF 2.5 SATA SSD 840-D 120G 3D sTLC (-40 ~ 85 °C) |
| SQF-S25Z4-240GDSCE | SQF 2.5 SATA SSD 840-D 240G 3D sTLC (-40 ~ 85 °C) |
| SQF-S25Z8-480GDSCE | SQF 2.5 SATA SSD 840-D 480G 3D sTLC (-40 ~ 85 °C) |
| SQF-S25Z8-960GDSCE | SQF 2.5 SATA SSD 840-D 960G 3D sTLC (-40 ~ 85 °C) |
| SQF-S25ZF-1K9GDSCE | SQF 2.5 SATA SSD 840-D 1920G 3D sTLC (-40 ~ 85 °C) |