

SQF-S25 840V

SATA III (6.0Gb) 2.5" SSD



Features

- SATA 3.2 Compliant
- PLP support (Power loss protect by super cap design)
- AES-256 Support & TCG-OPAL Compliant
- Supports HW Write Protection
- Supports LDCP & RAID ECC
- DeviceOn SQManager & software API package



Specifications

Connect Type	Standard 7+15-pin SATA connector
Flash type	3D TLC/ 3D sTLC
Capacity	240GB ~ 7.6TB
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-S25V4-240GDVCC	SQF 2.5 SATA SSD 840V-D 240G 3D TLC (0 ~ 70 °C)
SQF-S25V8-480GDVCC	SQF 2.5 SATA SSD 840V-D 480G 3D TLC (0 ~ 70 °C)
SQF-S25V8-960GDVCC	SQF 2.5 SATA SSD 840V-D 960G 3D TLC (0 ~ 70 °C)
SQF-S25V8-1K9GDVCC	SQF 2.5 SATA SSD 840V-D 1920G 3D TLC (0 ~ 70 °C)
SQF-S25V8-3K8GDVCC	SQF 2.5 SATA SSD 840V-D 3840G 3D TLC (0 ~ 70 °C)
SQF-S25VF-7K6GDVCC	SQF 2.5 SATA SSD 840V-D 7680G 3D TLC (0 ~ 70 °C)
SQF-S25V4-240GDVCE	SQF 2.5 SATA SSD 840V-D 240G 3D TLC (-40 ~ 85 °C)
SQF-S25V8-480GDVCE	SQF 2.5 SATA SSD 840V-D 480G 3D TLC (-40 ~ 85 °C)
SQF-S25V8-960GDVCE	SQF 2.5 SATA SSD 840V-D 960G 3D TLC (-40 ~ 85 °C)
SQF-S25V8-1K9GDVCE	SQF 2.5 SATA SSD 840V-D 1920G 3D TLC (-40 ~ 85 °C)
SQF-S25V8-3K8GDVCE	SQF 2.5 SATA SSD 840V-D 3840G 3D TLC (-40 ~ 85 °C)
SQF-S25VF-7K6GDVCE	SQF 2.5 SATA SSD 840V-D 7680G 3D TLC (-40 ~ 85 °C)

* For sTLC solution, support other configurations by request.