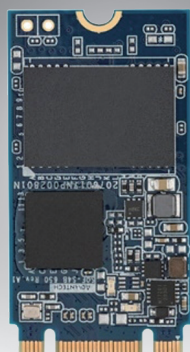


SQF-SM4 840V

SATA III (6.0Gb) M.2 2242 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 LDPC & RAID ECC
- DeviceOn SQManager & software API package



Specifications

Connect Type	NGFF B&M Key
Flash type	3D TLC/ 3D sTLC
Capacity	240GB ~ 480GB
Transfer Mode	SATA III (Up to 6Gb/s)
Max. Power Consumption	Read: 2.1 W, Write: 2.7 W
Sustained R/W Performance (*)	Up to 550/ 340 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)	42.0 x 22.0 x 3.8

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

Ordering Information

PN	Description
SQF-SM4V1-240GDVCC	SQF M.2 2242 SATA SSD 840V-D PLP (OPAL) 240G 3D TLC BiCS5 (0~70°C)
SQF-SM4V1-480GDVCC	SQF M.2 2242 SATA SSD 840V-D PLP (OPAL) 480G 3D TLC BiCS5 (0~70°C)
SQF-SM4V1-240GDVCE	SQF M.2 2242 SATA SSD 840V-D PLP (OPAL) 240G 3D TLC BiCS5 (-40~85°C)
SQF-SM4V1-480GDVCE	SQF M.2 2242 SATA SSD 840V-D PLP (OPAL) 480G 3D TLC BiCS5 (-40~85°C)

* For sTLC solution, support other configurations by request.