

SQFFS25 840F

SATA III (6.0Gb) 2.5" SSD,
FIPS 140-2 certified

SQFFSM8 840F

SATA III (6.0Gb) M.2 2280 SSD,
FIPS 140-2 certified



Features

- SATA 3.2 Compliant
- AES-256 Support & FIPS 140-2 verify
- Supports LDCP & RAID ECC
- Shock resistance, anti-vibration

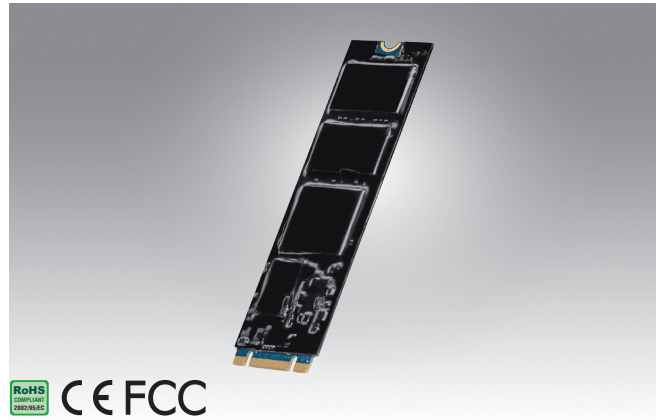
Specifications

Connect Type	Standard 7+15-pin SATA connector
Flash type	3D TLC
Capacity	256GB ~ 2TB
Transfer Mode	SATA III (Up to 6Gb/s)
Max. Power Consumption	Read: 2.3 W, Write: 2.0 W
Sustained R/W Performance (*)	up to 550/ 530 MB/sec
Operating Temperature	Commercial Temperature: 0 to +70 °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
SQFFS25V2-256GDSCC	SQF 2.5 SATA SSD FIPS 840F 256G 3D TLC BiCS5 (0~70°C)
SQFFS25V2-512GDSCC	SQF 2.5 SATA SSD FIPS 840F 512G 3D TLC BiCS5 (0~70°C)
SQFFS25V4-1TDSCC	SQF 2.5 SATA SSD FIPS 840F 1T 3D TLC BiCS5 (0~70°C)
SQFFS25V8-2TDSCC	SQF 2.5 SATA SSD FIPS 840F 2T 3D TLC BiCS5 (0~70°C)



Features

- SATA 3.2 Compliant
- AES-256 Support & FIPS 140-2 verify
- Supports LDCP & RAID ECC
- Shock resistance, anti-vibration

Specifications

Connect Type	NGFF B&M Key
Flash type	3D TLC
Capacity	256GB ~ 2TB
Transfer Mode	SATA III (Up to 6Gb/s)
Max. Power Consumption	Read: 2.0 W, Write: 1.8 W
Sustained R/W Performance (*)	up to 550/ 530 MB/sec
Operating Temperature	Commercial Temperature: 0 to +70 °C
Shock Resistance	1,500 G, peak / 0.5 ms
Vibration Resistance	20 G, peak / 80 ~ 2000 Hz
Dimensions (mm)	80.0 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
SQFFSM8V2-256GDSCC	SQF M.2 2280 SATA SSD FIPS 840F 256G 3D TLC BiCS5 (0~70°C)
SQFFSM8V2-512GDSCC	SQF M.2 2280 SATA SSD FIPS 840F 512G 3D TLC BiCS5 (0~70°C)
SQFFSM8V4-1TDSCC	SQF M.2 2280 SATA SSD FIPS 840F 1T 3D TLC BiCS5 (0~70°C)
SQFFSM8V4-2TDSCC	SQF M.2 2280 SATA SSD FIPS 840F 2T 3D TLC BiCS5 (0~70°C)