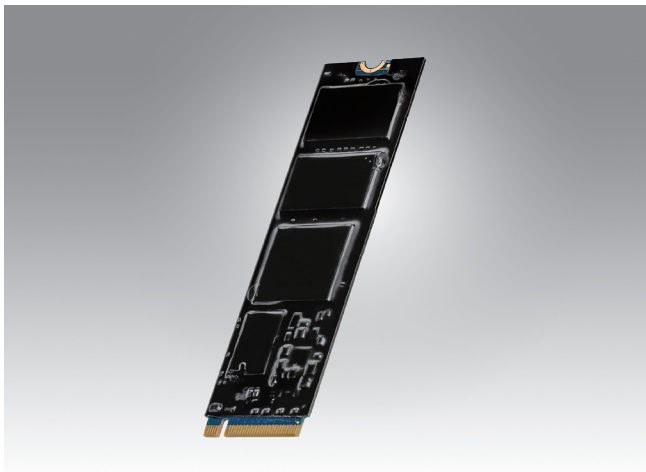


# SQFFCM8 920F

PCIe Gen.3 x4 M.2 2280 SSD,  
FIPS 140-2 certified



## Features

- NGFF M.2 2280 (M Key)
- Compliant with NVMe 1.3
- AES-256 Support & FIPS 140-2 verify
- Supports LDPC & RAID ECC
- Shock resistance, anti-vibration



## Specifications

|                               |                               |
|-------------------------------|-------------------------------|
| Connect Type                  | NGFF M Key                    |
| Flash type                    | 3D TLC                        |
| Capacity                      | 256GB ~ 2TB                   |
| Transfer Mode                 | PCIe Gen.3 x4                 |
| Max. Power Consumption        | Read: 5.3 W, Write: 5.9 W     |
| Sustained R/W Performance (*) | up to 3,300/ 3,000 MB/sec     |
| Operating Temperature         | Commercial grade: 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                                                 |
|--------------------|-------------------------------------------------------------|
| SQFFCM8V2-256GDECC | SQF 920F M 2 2280 NVMe SSD FIPS 256GB 3D TLC BiCS5 (0~70°C) |
| SQFFCM8V4-512GDECC | SQF 920F M 2 2280 NVMe SSD FIPS 512GB 3D TLC BiCS5 (0~70°C) |
| SQFFCM8V4-1TDECC   | SQF 920F M 2 2280 NVMe SSD FIPS 1TB 3D TLC BiCS5 (0~70°C)   |
| SQFFCM8V4-2TDECC   | SQF 920F M 2 2280 NVMe SSD FIPS 2TB 3D TLC BiCS5 (0~70°C)   |