

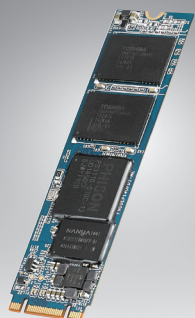
# SQF-SM8 830

## SATA III (6.0Gb) M.2 2280 SSD

# SQF-S25 910S

## SATA III (6.0Gb) 2.5" SSD

NEW



CE FCC



Flash Security ID



Life Monitoring



Flash Lock



Emergency Erase

### Features

- NGFF M.2 2280 SSD Module
- Compliant with SATA III and SATA v3.2 standard
- Supports 120 bit ECC correct per 2K Byte data
- Quad core processor with stable throughput
- Preserved pin for Voltage Stabilizer support
- GUI management tool & software API package
- GPIO preserved for security function control

### Specifications

|                               |                                                                   |
|-------------------------------|-------------------------------------------------------------------|
| Connector Type                | NGFF B + M key                                                    |
| Flash type                    | SLC / Ultra MLC / MLC                                             |
| Capacity                      | SLC: 64 to 128 GB<br>Ultra MLC: 64 to 512 GB<br>MLC: 64 GB to 1TB |
| Transfer Mode                 | SATA III (6.0 Gbps)                                               |
| Max. Power Consumption        | 2A                                                                |
| Sustained R/W Performance (*) | Up to 540/520 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)               | 80.8 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-SM8S8-xG-SAC | SQFlash 830 series M.2 2280 SATA SSD 64/128 GB SLC (0 ~ 70° C)               |
| SQF-SM8U8-xG-SAC | SQFlash 830 series M.2 2280 SATA SSD 64/128/256/512 GB Ultra MLC (0 ~ 70° C) |
| SQF-SM8M8-xx-SAC | SQFlash 830 series M.2 2280 SATA SSD 64/128/256/512 GB / 1TB MLC (0 ~ 70° C) |

Note: X stands for different capacities

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Life Monitoring



Flash Lock



Emergency Erase

### Features

- 2.5" SATA SSD
- Compliant with SATA III and SATA v3.2 standard
- Supports 120 bit ECC correct per 2K Byte data
- Quad core processor with stable throughput
- Support Voltage Stabilizer
- GUI management tool & software API package
- GPIO preserved for security function control

### Specifications

|                               |                                                                     |
|-------------------------------|---------------------------------------------------------------------|
| Connector Type                | Standard 7+15-pin SATA connector                                    |
| Flash type                    | SLC / Ultra MLC / MLC                                               |
| Capacity                      | SLC: 50 to 400 GB<br>Ultra MLC: 50 to 800 GB<br>MLC: 100 to 1600 GB |
| Transfer Mode                 | SATA III (6.0 Gbps)                                                 |
| Max. Power Consumption        | 2A                                                                  |
| Sustained R/W Performance (*) | Up to 540/520 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)               | 100.00 x 69.85 x 7                                                  |

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

### Ordering Information

| PN               | Description                                                                        |
|------------------|------------------------------------------------------------------------------------|
| SQF-S25S8-xG-VAC | SQFlash 910S series 2.5" SATA SSD 50/100/200/400 GB SLC (0 ~ 70° C)                |
| SQF-S25U8-xG-VAC | SQFlash 910S series 2.5" SATA SSD 50/100/200/400/800 GB Ultra MLC (0 ~ 70° C)      |
| SQF-S25M8-xG-VAC | SQFlash 910S series 2.5" SATA SSD 50/100/200/400/800/1600 (1K6) GB MLC (0 ~ 70° C) |

Note: X stands for different capacities

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