



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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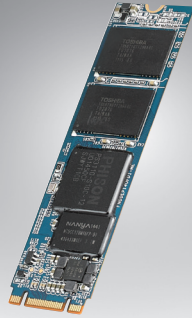
# SQF-SM8 910S

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

# SQF-S25 910S

## SATA III (6.0Gb) 2.5" SSD

NEW



RoHS COMPLIANT 2002/95/EC CE FCC



### 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: 50 to 200 GB Ultra MLC: 50 to 400 GB MLC: 100 to 800 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)	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 910S series M.2 2280 SATA SSD 50/100/200 GB SLC (0 ~ 70° C)
SQF-SM8U8-xG-SAC	SQFlash 910S series M.2 2280 SATA SSD 50/100/200/400 GB Ultra MLC (0 ~ 70° C)
SQF-SM8M8-xG-SAC	SQFlash 910S series M.2 2280 SATA SSD 100/200/400/800 GB MLC (0 ~ 70° C)

Note: X stands for different capacities

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### 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 Ultra MLC: 50 to 800 GB 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