

# SQF-S25 830A

SATA III (6.0Gb) 2.5" SSD w/ OPAL-SED

NEW



## Specifications

Connector Type	Standard 7+15-pin SATA connector
Flash Type	MLC
Capacity	MLC: 120 to 960GB
Transfer Mode	Up to 6Gb/s
Max. Power Consumption	2A
Sustained R/W Performance*	MLC up to 540/520 MB/sec
Operating Temperature	Commercial Grade: 0 to +70 °C Industrial Grade: -40 to +85 °C
Shock Resistance	1,500 G, Peak / 0.5 ms
Vibration Resistance	20 G, Peak / 80 ~ 2000 Hz
Dimensions (mm)	100.20 x 69.85 x 7

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

## Features

- Compliant with SATA Revision 3.2 and OPAL-SED standard
- Supports 120 bit ECC correct per 2K Byte data
- Supports Fragment Writing and Flush Manager
- Optional support for AES and voltage stabilizer
- Shock resistance, anti-vibration and low power consumption
- GUI management tool & software API package



Flash Security ID



Life Monitoring



Flash Lock



Emergency Erase

## Ordering Information

Part No.	Product Description
SQF-S25M8-x-AAC	SQFlash 830A series 2.5" OPAL-SED SSD MLC 120/240/480/960G (0 ~ 70 °C)
SQF-S25M8-x-AAE	SQFlash 830 series 2.5" OPAL-SED SSD MLC 120/240/480/960G (-40 ~ 85 °C)

Note: X stands for different capacities