

# Data Sheet

## Fujitsu Solid State Drive (SSD)

### F510S Series

### Accessories Storage

#### Unleash the limits of your PC

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The Fujitsu F510S SATAIII 6Gb/s SSD is ideal for upgrading your PC and laptop. It is powered by the PS3111-S11 SATA controller to offer outstanding performance with sequential read/write speeds of up to 550/275MB/s. With consistently fast data speeds, lower power consumption and competitive price, the F510S lets you enjoy faster boot up and program loading than ever before.

#### New solution with high performance

- Adapt PS3111-S11 SATA controller, TOSHIBA 3D TLC Nand Flash, Upgrade computer speed and starting up speed. It works seamlessly with the latest SATAIII interface.

#### Higher-End ECC debug engine

- With Error Checking and Correcting engine, Fujitsu F510S enhances the data transmission reliability and integrity.



#### Specification

- Interface: SATA3.0(6Gb/s)
- Physical Form Factor(Inch): 2.5
- Nand Flash Type: Toshiba 3D TLC
- Capacity: 120/240/480GB
- Read/Write Performance: Up to 550MB/s & 275MB/s-CrystalDiskMark
- Read/Write Performance: Up to 560MB/s & 540MB/s-ATTO
- Warranty: 3 Years

# Fujitsu Solid State Drive(SSD) F510S Series

Specifications		
<b>Item</b>	Solution	PS3111-S11
<b>Summary</b>	Overall dimension	2.5"
	Interface	SATA III
<b>Performance*</b>	Capacity	120GB/240GB/480GB
	Continuous read	Max. 520MB/s
	Continuous write	Max. 430MB/s
	Random read IOPS	Up to 75K IOPS
	Random write IOPS	Up to 67K IOPS
	Average access time	0.1ms
	DRAM Buffer	No
<b>Storage medium</b>	NAND Flash	Toshiba 3D TLC
<b>Power consumption</b>	Input voltage	5V+/-0.25%
	Non-working	0.3W
	Working	2.0W
<b>Reliability</b>	MTBF	2 million hours
<b>Environment</b>	Working temperature	0~70°C
	Storage temperature	-40~85°C
	Impulse force	2,000G(@0.3ms half sine wave)
	Vibration	20G(40-2000HZ)
	Environment humidity	5-95%
<b>Weight</b>	60g	
<b>Warranty</b>	3 years limited	

\*Sequential performance measurements based on CrystalDiskMark v.3.0.1. Performance may vary based on SSD's firmware version, SSD's capacity, system hardware & configuration.

**Contact**  
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