

# Data Sheet

## Fujitsu Solid State Drive(SSD)

### F500 Series

### Accessories Storage

#### Unleash the limits of your PC

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The Fujitsu F500 SATAIII 6Gb/s SSD is ideal for upgrading your PC and laptop. It is powered by the SMI controller to offer outstanding performance with sequential read/write speeds of up to 500/510MB/s. With consistently fast data speeds, lower power consumption and competitive price, the F500 lets you enjoy faster boot up and program loading than ever before.

#### New solution with high performance

- Adapt new Silicon Motion SM2258 controller, Intel 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 F500 enhances the data transmission reliability and integrity.



#### Specification

- Interface: SATA3.0(6Gb/s)
- Physical Form Factor(Inch): 2.5
- Nand Flash Type: Intel 3D TLC
- Capacity: 128GB/256GB/512GB/1TB
- Read/Write Performance: Up to 500MB/s & 510MB/s
- Warranty: 3 Years

# Fujitsu Solid State Drive(SSD) F500 Series

## Specifications

Item	Solution	SMI SM2258		
<b>Summary</b>	Overall dimension	2.5"		
	Interface	SATA III		
<b>Performance*</b>	Capacity	128GB	256GB	512GB
	Continuous read	Max. 550MB/s		
	Continuous write	300MB/s	510MB/s	510MB/s
	Random read IOPS	Up to 90K IOPS		
	Random write IOPS	Up to 80K IOPS		
	Average access time	0.1ms		
<b>Storage medium</b>	NAND Flash	Intel 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			
<b>Part Numbers</b>	<b>128GB</b>	<b>HLACCD044A-L1</b>		
	<b>256GB</b>	<b>HLACCD045A-L1</b>		
	<b>512GB</b>	<b>HLACCD068A-L1</b>		
	<b>1TB</b>	<b>HLACCD069A-L1</b>		

\* 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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