

Data Sheet

Fujitsu Solid State Drive(SSD) F500S Series Accessories Storage

Unleash the limits of your PC

The Fujitsu F500S 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 500/430MB/s. With consistently fast data speeds, lower power consumption and competitive price, the F500S lets you enjoy faster boot up and program loading than ever before.

New solution with high performance

- Adapt Silicon Motion SM2258XT 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 F500S 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: 120GB
- Read/Write Performance: Up to 500MB/s & 430MB/s
- Warranty: 3 Years

Fujitsu Solid State Drive(SSD) F500S Series

Specifications		
Item	Solution	SMI SM2258XT
Summary	Overall dimension	2.5"
	Interface	SATA III
Performance*	Capacity	120GB
	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
Storage medium	NAND Flash	Intel 3D TLC
Power consumption	Input voltage	5V+/-0.25%
	Non-working	0.3W
	Working	2.0W
Reliability	MTBF	2 million hours
Environment	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%
Weight	60g	
Warranty	3 years limited	
Part Numbers	128GB	HLACCE044A-L1

*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.