P/N: STNGFFM228S8X-120 **SEMITANK SSD 2280 M2 S8 120GB**

DESCRIPTION

S8 Consumer Series 120GB is an SSD hard drive using a connection interface SATA III 6Gbps controller. This is a SSD that delivers read/write speeds up to 550/500 MBps and Support TRIM, NCQ, S.M.A.R.T, ECC, Wearleveling.
System Support: Windows XP/Win7/8/10/11, Mac OS, Linux, embedded operating systems used in control, measurement, and applications such as: Music server, Automation control.

Precautions:
[1] The speed was tested by Semitank and for the reference only.
[2] 1GB=1,000,000,000 Bytes. In OS system, it would be displayed as 1,000,000,000 Bytes/1024/1024/1024 = 0.93GB
[3] Definition and conditions of TBW (Terabytes Written)are based on JEDEC standard
[4] Transmission speed will vary according to different hardware/software conditions, therefore the data can only use for basic reference.
NOTES:
[5] We reserve the right to modify product specifications without prior notice.
[6] Different devices may have a different best format for usage. It is recommended to format the device before use to ensure the correctness and the integrity of the SSD.
[7] (1): We can use any of the above driver ICs. Basically, they do not change the performance and basic specifications.
[8] (2): We may change any type of memory chip for any product line without notice.

SPECIFICATIONS

Series:	S8 Consumer Series
Model:	SSD 2280 M2 S8 120GB
Capacity:	120GB
Performance Read/Write:	550/500 MBps
Interface:	SATA III 6Gbps
Controller:(1)	SMI: SM2258XT SMI: SM2259XT Phison: S11
NAND:(2)	Intel/Micron 3D TLC Nandflash Original/Good Die
Support:	Support TRIM, NCQ, S.M.A.R.T, ECC, Wearleveling
Support Computer:	- Desktop - Laptop - AIOs - Server - Industrial Computer - Commercial Computer - Consumer Computer
System Support:	Windows XP/Win7/8/10/11, Mac OS, Linux, embedded operating systems used in control, measurement, and applications such as: Music server, Automation control.
Operating Voltage:	3.3V
Dimensions:	80mm*22mm*3.2mm
Operating Temperature:	0 - 70°C
Storage Temperature:	-40 - 85°C
Humidity:	0°C ~ 50°C/5% ~ 95% RH, non-condensing
Warranty:	Lifetime warranty – 36 months
Quality Certification:	CE, FCC, ROHs