

SATA SSD

Your Best Storage Partner



MemoCom's SATA SSD is the high-performance storage device, comply with industry standard dimensions and interfaces. It's an ideal drop-in replacement for standard hard disk drive interface. Featuring high speed and high reliability, it is especially suitable for servers and storage devices with large-capacity transaction requirements.

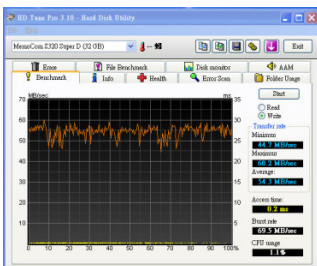
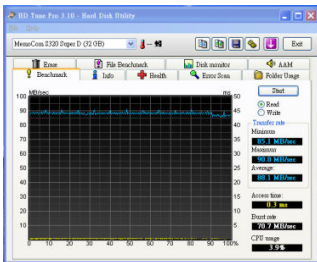
Features

- Low-power consumption for mobile environment
- Light weight for portable storage solution
- No noise and low heat

Specifications

General	Form Factor	2.5"
	Physical Dimensions	100.0(W) x 70.0(D) x 9.5(H) (mm)
	Capacity	16GB / 32GB/ 64GB/ 128GB
Performance	Interface	SATA II
	Average Access Time	0.2ms
	Sequential Read	100 MB/s (MLC)
Power Consumption	Sequential Write	40 MB/s (MLC)
	Input Voltage	5V +5%
	Idle	0.7W
Environment	Active	2.0W
	Operating Temperature	0° to 70°C (-20° to 70°C for industrial grade)
	Shock	1500G
	Vibration	16G
Compatibility	Noise	0dB
	Humidity Non-Operating	5% to 95% RH non-condensing
Others	Devices and OS that support the SATA II standard	- Supports up to Ultra DMA Mode 6 - Built-in ECC (Error Checking & Correction) functionality and wear-leveling algorithm ensures highly reliable of data transfer
	Compliance	Meet the requirements of the RoHS Compliance Directives

High Performance



High Speed

All	5	100MB	D:Hard Disk [NTFS]
Seq	107.7	50.39	
512K	107.4	31.36	
4K	15.02	1.511	
	Read [MB/s]		Write [MB/s]

Ordering Information

Model	Capacity	Form Factor	Interface	Input Voltage
S160	16GB	2.5"	SATA II	5V ±5%
S320	32GB	2.5"	SATA II	5V ±5%
S640	64GB	2.5"	SATA II	5V ±5%
S1280	128GB	2.5"	SATA II	5V ±5%

For sales and product inquiry, please contact MemoCom for further information.



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