

SA100 2.5" SSD

Acer SA100 2.5" SSD adopts SATA III 6 GB/s interface with wide compatibility with major brands laptops and desktops, and offers a maximum capacity of up to 1.92 TB. As the latest generation of SATA SSD, SA100 is built with a high-performance master controller and original high-quality 3D NAND to upgrade PCs with quick response. Acer implements strict quality control standards to ensure excellent reliability and compatibility, and offers a 3-year limited warranty.



SATA III interface
running at 6 GB/s



Read speeds up
to 560 MB/s



Large capacity of
up to 1.92 TB



3-year
limited warranty

>Product Features

Read speeds up to 560 MB/s

SA100 2.5" SSD achieves a read speed of up to 560 MB/s. With excellent data read/write performance. SA100 is able to quickly boot PCs and speed up application loading.

High cost performance

Built with 4-channel flash controller and original high-quality 3D NAND Flash, SA100 SATA III SSD provides PCs with ultra-high performance at a price that won't break the bank.

Low power and long lifespan

The maximum power consumption of SA100 1.92 TB requires only 1.97 W that far lower than mainstream SATA SSDs in the market. SA100 is capable of reducing notebook power consumption to achieve longer battery life.

Capacity of up to 1.92 TB

With a large capacity of up to 1.92 TB, SA100 2.5" SSD enable you to easily expand PCs storage space to store more files, photos, videos, and big games.

>Acer Advantage

Established in 1987, the Acer brand empowers people with the technology to make their mark and the freedom to live their desired lifestyle. Acer-branded products strive to make technology accessible to everyone.

Acer branded storage products are designed and manufactured under official license by BIWIN Storage Technology company, a leading maker of quality flash memory, DRAM memory and solid-state drives (SSD storage devices).

SA100 2.5" SSD Product Specifications

Capacity	120 GB	240 GB	480 GB	960 GB	1.92 TB
Interface	SATA III, 6.0 GB/s				
Max. Sequential Read Speed (MB/s)	540	549	560	560	560
Max. Sequential Write Speed (MB/s)	440	449	493	507	508
Random Read Speed (IOPS)	40 K	40 K	82 K	84 K	76 K
Random Write Speed (IOPS)	70 K	71 K	71 K	72 K	77 K
Write Power Consumption (W)	1.0	1.10	1.33	1.83	1.97
Idle Power Consumption (W)	0.19	0.19	0.19	0.19	0.19
Storage Temperature	-40 °C to 85 °C / -40 °F to 185 °F				
Working Temperature	0 °C to 70 °C / 32 °F to 158 °F				
Warranty / Support	3-Year 40 TBW	3-Year 80 TBW	3-Year 150 TBW	3-Year 300 TBW	3-Year 600 TBW

- Maintenance and future updates are required throughout product life cycle. Specifications are subject to change without notice.
- Not all products are sold in all regions of the world.
- As used for storage capacity, one megabyte (MB) = one million bytes, one gigabyte (GB) = one billion bytes, and one terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment. As used for buffer or cache, one megabytes (MB) = 1,048,576 bytes. As used for transfer rate or interface, megabyte per second (MB/s) = one million bytes per second, and gigabyte per second (GB/s) = one billion bytes per second.
- Measured using the MobileMark™ 2012 benchmark with DIPM (Device Induced Power Management) enabled.
- MTBF = Mean Time Between Failures based on internal testing using Telcordia stress testing standard.
- Please visit www.acerstorage.com for more details.



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