

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 |

1. Maintenance and future updates are required throughout product life cycle. Specifications are subject to change without notice.
2. Not all products are sold in all regions of the world.
3. 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.
4. Measured using the MobileMark™ 2012 benchmark with DIPM (Device Induced Power Management) enabled.
5. MTBF = Mean Time Between Failures based on internal testing using Telcordia stress testing standard.
6. Please visit www.acerstorage.com for more details.



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