

# RE100 2.5" SSD

Acer RE100 2.5" SSD is built with a high-performance host controller and high-quality 3D TLC NAND. Equipped with extra fast read and write speeds, RE100 2.5" revitalizes computer systems and meets the needs in various scenarios of gaming, business, and remote learning. Designed with full capacity and free backup software, RE100 2.5" provides more available space and supports major data security technology to create an ideal solution of storage expansion that balances security, high speed and reliability.



SATA III interface  
running at 6 Gb/s



Read speeds  
up to 560 MB/s



Ultra-high capacity  
of up to 4 TB



5-year  
limited warranty

## >Product Features

### Read speeds up to 560 MB/s

With read speed of up to 560 MB/s, RE100 2.5" SSD transfers large files at extremely high speed, greatly reduces server response time, and revitalizes the old PCs as well.

### Full capacity and reliable performance

RE100 2.5" SSD features full capacity that provides more available space, better performance and longer lifespan than other non-standard SSDs, and achieves reliable performance after long-time use.

### Comprehensive data security

As well as offering a free backup software, RE100 2.5" SSD supports dynamic & static wear-leveling, TRIM command, S.M.A.R.T. and ECC. It has superb reliability and durability for data security and privacy.

### Capacity of up to 4 TB

With the capacity of up to 4 TB, RE100 2.5" SSD is able to expand storage space of computers and allows consumers to store games, videos, photos and other massive data with more available space.

## >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).

# RE100 2.5" SSD Product Specifications

Capacity	128 GB	256 GB	512 GB	1 TB	2 TB	4 TB
Interface	2.5 inch (Based on SATA III 6 Gb/s)					
Max. Sequential Read Speed (MB/s)	560	562	562	557	558	557
Max. Sequential Write Speed (MB/s)	514	528	529	515	503	511
Random Read Speed (IOPS)	87 K	97 K	97 K	80 K	86 K	56 K
Random Write Speed (IOPS)	75 K	77 K	79 K	71 K	72 K	71 K
Write Power Consumption(W)	1.35	1.69	1.90	2.49	3.08	2.63
Idle Power Consumption(W)	0.22	0.22	0.22	0.24	0.22	0.32
Dimensions	100.00 x 70.00 x 6.70 mm					
Weight	≤ 40 g					
MTBF	≤ 2,000,000 hours					
Storage Temperature	-40 °C to 85 °C / -40 °F to 185 °F					
Working Temperature	0 °C to 70 °C / 32 °F to 158 °F					
Shock Resistant	100 G / 6 sec					
Vibration Resistant	6.0667G RMS (20-2000 Hz)					
Certifications	CE, FCC, RoHS, BSMI, KCC, VCCI, RCM					
Warranty / Support	5-Year 70 TBW	5-Year 140 TBW	5-Year 280 TBW	5-Year 560 TBW	5-Year 1120 TBW	5-Year 2240 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.



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