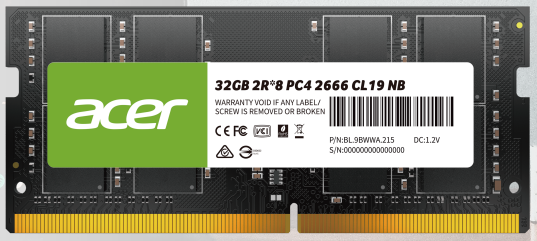
# SD100 Laptop Memory

Acer SD100 laptop memory modules is equipped with high-quality ICs and durable components. With a capacity range of 4 GB - 32 GB and speed of 2400 MHz - 3200 MHz, SD100 is ideal for laptops to overclock automatically up to the highest speed allowed by the BIOS. Acer implements strict quality control standards to ensure excellent reliability and compatibility, and offers a limited lifetime warranty.




- Speed of up to 3200 MHz
- Compatible with major motherboards
- Low voltage 1.2 V for energy efficiency
- Quick response and powerful potential

## Product Features

### Speed of up to 3200 MHz

SD100 laptop DRAM offers gamers a wide range of frequencies. With speed of up to 3200 MHz, SD100 empowers the laptops to run faster, and systems to run smoother.

### Plug-and-Play overclocking

Complied with JEDEC standards, SD100 Plug-and-Play will auto-overclock* itself up to the maximum speed allowed by the system BIOS. Users can easily overclock the laptops and enjoy high speed.

### Supports dual-channel mode

SD100 matches with the original computer memory to install dual channel. Peak performance of memory modules brings an incomparable experience for gaming, entertainment, learning and office work.

### Compatible with major motherboards

Passed the compatibility test of major brands motherboards, Acer SD100 DRAM supports most major motherboards on the market and the latest Intel or AMD-based system.

* CPUs can support corresponding memory speeds.

## 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.

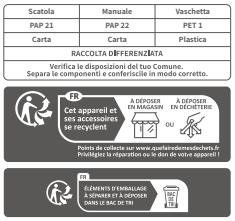
Acer branded storage products are designed and manufactured under official license by BIWIN Storage Technology company, a leading maker of quality flash memory, DRAM memory and solid-state drives (SSD storage devices).

## Product Specifications

| Capacity | 4 GB | 8 GB | 16 GB | 32 GB |
|---|---|---|---|---|
| Type | 260-pin DDR4 laptop memory modules | | | |
| Frequency | 2400 MHz<br>2666MHz | 2400 MHz<br>2666 MHz<br>2933 MHz<br>3200 MHz | 2400 MHz<br>2666 MHz<br>2933 MHz<br>3200 MHz | 2666 MHz<br>2933 MHz<br>3200 MHz |
| Timing | CL17<br>CL19 | CL17<br>CL19<br>CL21<br>CL22 | CL17<br>CL19<br>CL21<br>CL22 | CL19<br>CL21<br>CL22 |
| Working Voltage | 1.2 V | | | |
| Dimensions | 69.60 × 30.00 × 3.40 mm | | | |
| Storage Temperature | -40°C to +85°C | | | |
| Working Temperature | 0°C to +85°C | | | |
| Certifications | FCC, CE, KCC, BMSI, RCM, WEEE, RoHS, UKCA, VCCI | | | |
| Warranty | Limited Lifetime Warranty | | | |

1. Maintenance and future updates are required throughout product life cycle. Specifications are subject to change without notice.
2. The pictures are for illustration only. Actual product may vary due to product enhancements or changes.
3. Not all products are sold in all regions of the world.
4. Instructions for purchasing high-frequency memory: high-overclocking memory needs to be equipped with a matching motherboard and processer to exert its overclocking performance. Please verify prior to purchase whether your motherboard and CPU support the specifications of Acer DRAM. Activate XMP after installation to enjoy the overclocking speed.
5. Please visit www.acerstorage.com for more details.





Acer Storage Customer Service Hotline in US:
1-866-351-8791

Acer Storage After-sales Service in US:
Email: Storage.SupportUS@acer.com
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# Statement Regarding the Data Rates of Memory Products

The maximum data rates indicated for memory products are overclocking performance metrics achievable under specific conditions and are not the default out-of-the-box frequencies. Please find the complete details below:

## 1 INTEL® XMP/ AMD EXPO™ Function Must Be Enabled

This product is an overclocking-type memory module. The stated maximum data rate can only be achieved by manually enabling INTEL® XMP or AMD EXPO™ in the motherboard BIOS. If this function is not enabled, the memory will run at the default JEDEC standard frequency and will not reach its stated maximum performance.

## 2 Any Stated Data Rate Depends on Hardware Compatibility

Achieving the stated maximum data rate depends on system hardware and software conditions, including the CPU model, motherboard chipset, BIOS version, and memory slot configuration. Before purchasing, please be sure to consult the official QVL (Qualified Vendor List) and compatibility notes to confirm that your hardware configuration is supported.

## 3 Risk Warning for Overclocking and Additional Settings

This product comes with preset overclocking parameters as determined by extensive testing in our labs. Manual overclocking beyond the official presets (including adjusting frequency, timings, voltage, etc.) is not recommended. Unauthorized custom operations may lead to:

- System instability, blue screens, crashes, or restarts
- Damage to memory, CPU, motherboard, or other hardware
- Data loss, file corruption, or system crashes
- Voiding of the product warranty

## 4 Performance Description and Advertising Compliance Statement

All stated performance parameters that accompany our products are test results obtained under ideal laboratory conditions. They are provided for product specification purposes only and do not constitute a promise or guarantee of any user's actual operational results, speed, or stability. Actual operating frequencies and performance may vary due to differences in equipment; no absolute uniform effect is guaranteed.

## 5 Limitation of Liability

The company and its authorized distributors shall not be liable for breach of contract or tort for any direct or indirect losses (including but not limited to hardware damage, data loss, business interruption, or failure to achieve stated performance) resulting from failure to operate according to instructions, failure to enable XMP/E.X.P.O, hardware incompatibility, unauthorized overclocking, improper system settings, or other related causes. Product warranty is subject to the official warranty terms; improper operation will void the warranty.

By confirming the purchase, installing, or using this product, the user is deemed to have read, understood, and agreed to all terms of this statement, and to be fully aware of the conditions required to achieve the performance of overclocked memory and the associated potential risks. If you have any questions regarding product specifications, usage conditions, or compatibility, please contact official technical support before purchasing.