

# MA200 SSD

The Acer MA200 M.2 SSD is tailor-made for handheld gamers, adopting the M.2 2230 form factor suitable for various handheld consoles, ultra-thin tablets and mini-PCs. Based on a high-performance PCIe Gen4 x4 controller paired with premium 3D TLC NAND, the MA200 offers sequential speeds up to 5200 MB/s read and 4700 MB/s write. This combination enables swift installation of applications, accelerated game launches and faster loading times.



Up to 5200 MB/s



PCIe Gen4 x4



NVMe 1.4



M.2 2230

## >Product Features

### Mini SSD Size, Big Performance

The MA200 features a PCIe Gen4 x4 high-performance controller, supporting NVMe 1.4, reaching 5200 MB/s read and 4700 MB/s write speeds. Impressive speed in a small package.

### HMB & SLC Cache Smart Buffer for Smoother Performance

With HMB + SLC Cache smart buffering, Acer MA200 allows quicker game launches, faster loading, and better gaming experience.

### More Efficient Cooling for Outstanding Performance

A low-power, high-performance controller paired with a graphene heat spreader enhances heat dissipation. Less heat ensures better performance and a more stable user experience.

### Large Capacities for On-the-Go

With a standard 22.0 x 30.0 mm size, the MA200 is compact and compatible with various gaming handhelds, ultra-thin tablets and mini-PCs. It offers 512 GB and 1 TB capacity, allowing users to store a variety of apps and AAA games on the go.

## >Acer Advantage

Established in 1987, the Acer brand empowers people with the technology to make their mark and with 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 (SSDs).

# Acer MA200 Specifications

Interface	PCIe Gen4 x4, NVMe 1.4	
Form Factor	M.2 2230	
Capacity	512 GB	1 TB
Sequential Read Speed (Up to)	5000 MB/s	5200 MB/s
Sequential Write Speed (Up to)	4000 MB/s	4700 MB/s
4K Random Read Speed (Up to)	500K IOPS	700K IOPS
4K Random Write Speed (Up to)	800K IOPS	850K IOPS
Dimensions	30.00 x 22.00 x 2.60 mm	
Weight	Less than 5.0 g	
MTBF	1,500,000 hours	
Operating Temperature	0 °C to +70 °C	
Storage Temperature	-40 °C to +85 °C	
Vibration Resistance	20 - 2000 Hz	
Shock Resistance	1500 G / 0.5 ms	
Certifications	CE, FCC, RoHS, CB, KCC, BSMI, VCCI, RCM	
Warranty / Support	5-Year 300 TBW	5-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](http://www.acerstorage.com) for more details.



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