



# Amber RE310 microSD Express Card Reader



USB 3.2 Gen 2x2  
20 Gbps



Broad  
Compatibility



Active  
Cooling



Compact and  
Durable Design

A dedicated reader is required to unlock the full speed of microSD Express cards. The Biwin Amber RE310 is engineered to support SD 7.1 and USB 3.2 Gen 2x2, delivering high-bandwidth performance for faster game downloads and media transfers. With efficient thermal design, broad compatibility, and a compact build, it ensures stable high-speed operation across workflows.

## ► Product Features

### Unleash microSD Express Performance

Featuring a USB 3.2 Gen 2x2 interface with up to 20 Gbps bandwidth, the Amber RE310 enables microSD Express cards to reach peak speeds. Fully compliant with SD 7.1, it supports transfers up to 900 MB/s, reducing game installation time and accelerating large file transfers. Pair with our Amber ME300 for optimal performance.

### Broad Compatibility, Seamless Connectivity

The Amber RE310 supports both microSD Express and backward-compatible microSD UHS-I cards, offering flexible storage access. It includes a USB-C to USB-C cable with a USB-A adapter for connection to laptops, tablets, and smartphones. Compatible with Windows, macOS, iOS, Android and Linux systems, it ensures simple plug-and-play operation.

### Advanced Thermal Design

The Amber RE310 features a built-in fan to improve heat dissipation efficiency by up to 60%\*. This active airflow design reduces heat buildup during extended transfers, helping maintain stable speeds. Compared with passively cooled readers, it minimizes thermal throttling and delivers more consistent, reliable operation under continuous workloads.

### Compact, Durable, and Ready to Move

With a hard plastic casing and aluminum alloy shell, the Amber RE310 balances lightweight portability with structural durability. Its compact form fits easily into any workspace or travel kit, making high-speed data transfer accessible anytime, anywhere.

## ► Biwin Storage Amber Series

For decades, Biwin has made the critical storage and memory you'll find in many of the leading digital devices that have defined our digital world. The Biwin consumer brand offers the best of Biwin's experience, a range of SSDs, DRAM, memory cards and related accessories that will help you get the most out of your devices.

Biwin Amber is ideal for professionals on-the-go who requiresuperior mobile storage and memory solutions.

## ► Specifications

<b>Model Name</b>	Biwin Amber RE310
<b>Type</b>	microSD Express Card Reader
<b>Interface</b>	USB 3.2 Gen 2x2
<b>Card Support</b>	microSD Express / microSD UHS-I
<b>Standard Bandwidth</b>	20 Gbps
<b>Color</b>	White
<b>Shell Material</b>	PC + Aluminum Alloy
<b>Dimensions</b>	73 x 43 x 19 mm
<b>Weight</b>	≈51g
<b>Operating Temperature</b>	0°C to +40°C
<b>Storage Temperature</b>	-25°C to +85°C
<b>Certifications</b>	ROHS, WEEE, FCC, CE, VCCI, RCM, KCC, BSMI
<b>Warranty</b>	2-Year Limited

1. Tested by BIWIN labs. Actual performance may vary due to systems, devices, or environment.
2. Maintenance and future updates are required throughout the product life cycle. Specifications are subject to change without notice.
3. The pictures are for illustration only. Actual products may vary due to product enhancements or changes.
4. Not all products are sold in all regions of the world.
5. 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 the operating environment. As used for buffer or cache, one megabyte (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.
6. For more details, please visit [www.biwintech.com](http://www.biwintech.com).

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