

# 7 best tools to check SD card speed and capacity

Unfortunately, there are many fake SD cards and microSD cards floating on the Internet. Even reputable sales sites like Amazon are no exception. Here are the best tools to check SD card speed and capacity.

SD and microSD cards are used for storage in many applications. Sooner or later you will need an SD card for your devices, from camera, Raspberry Pi, phone, cruise camera to Nintendo Switch gaming machine. Unfortunately, there are many fake SD cards and microSD cards floating on the Internet. Even reputable sales sites like Amazon are no exception.

Sometimes these fake cards come from other unknown or fake brands. Usually, buyers will be cheated in one of two ways. The most common is giving inaccurate information about card capacity. For example, the advertised tag is 256GB. However, it really only has 4GB capacity. In some cases, the card corrupts the data, making it useless. Fortunately, there are a number of free tools that can check SD card speed and capacity. Before ordering a large amount of super cheap SD cards, buy a card first and check to make sure you get the right product for the money you have spent.



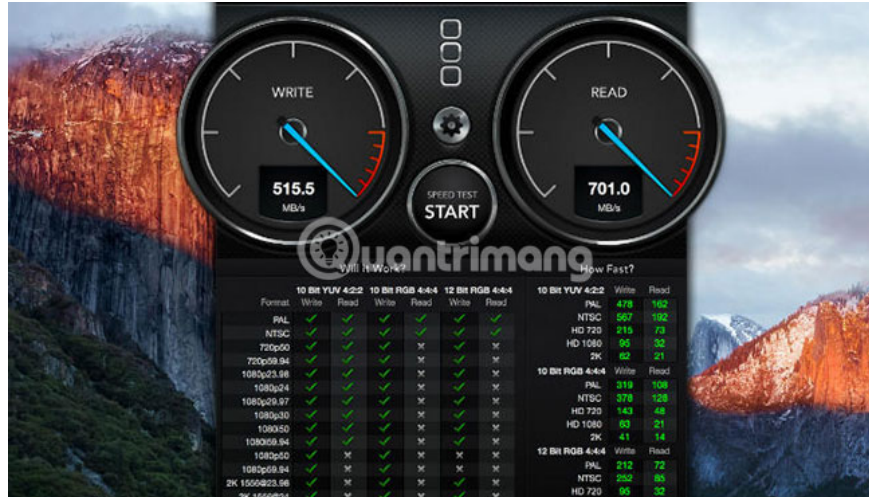
Below, **TipsMake.com** will introduce you to the best tools to check SD card speed and capacity.

## Check the SD card speed and capacity with the following 7 tools

1. Blackmagic Disk Speed Test
2. A1 SD Bench
3. SD Card Test
4. Disk Speed Test / Performance Test

- 5. CrystalDiskMark
- 6. SD Card Speed
- 7. Flash Memory Toolkit

## Blackmagic Disk Speed ??Test

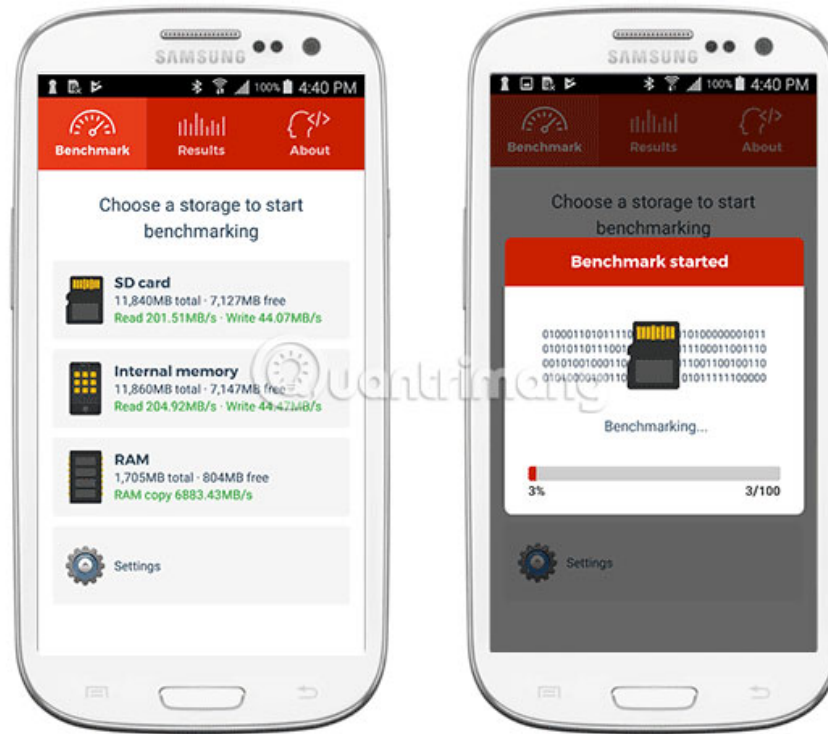


If you own a Mac and want to verify your SD card, Blackmagic Disk Speed ??Test is a useful tool for you. This free utility is designed to test the speed of larger drives. However, Blackmagic Disk Speed ??Test will also work with SD and microSD cards. The only downside is that Blackmagic Disk Speed ??Test is designed for people who work with large files, such as video clips.

Therefore, the application writes large blocks of data to the storage device and then reads that data block to verify performance. Unfortunately, this means that the test takes a lot of time to complete.

## A1 SD Bench

Picture 3 of 7 best tools to check SD card speed and capacity



A1 SD Bench is the most powerful among free apps to check SD card speed on devices running the Android operating system. The interface is designed in a classic style, suitable for touch screen devices. Key features are displayed on the main screen, while additional features are placed in the sidebar.

This application has 4 modes for checking microSD card speed:

1. **Quick**
2. **Longer**
3. **Accurate**
4. **Random I / O**

Results of each index can be shared anonymously with other users. Developers claim that the application supports memory cards with standards such as Class 2, Class 4, Class 6, Class 10, UHS-I, UHS-II and UHS-III.

## **SD Card Test**



A paid solution to check SD card write speed, memory card I / O features, in all popular formats, including mobile device internal memory.

For only \$ 2 (VND 46,000), you will receive:

1. Custom speed test feature in fast and standard test mode
2. Several types of custom testing to verify SD / microSD cards
3. Detailed chart based on defined parameters

## Disk Speed ??/ Performance Test



Disk Speed ??is another interesting SD card speed test tool. Besides, Disk Speed ??can fix write performance and read on many different SD memory cards.

Disk Speed ??is available for free with the following features:

1. Custom and standard tests of memory card speed
2. Save data log
3. Statistics
4. Analyzing RAM and device ROM,
5. Analyze individual parts of the storage area with the manually assigned path to a directory.

## CrystalDiskMark



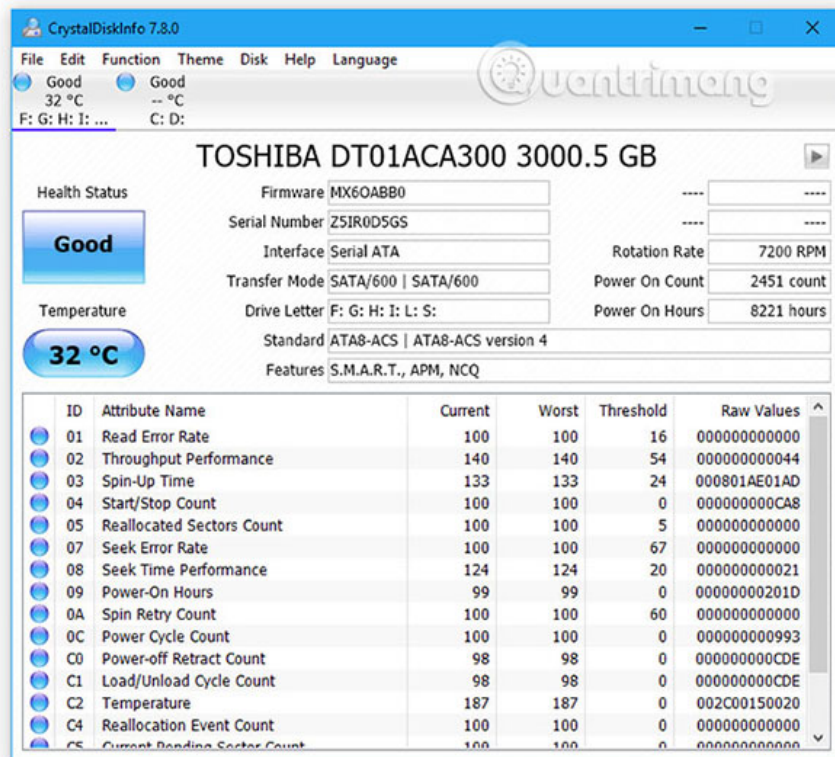
A computer program capable of measuring the speed of memory cards in different conditions, such as when watching videos, downloading data, working with applications, etc.

The appearance of the app looks very simple. On the main screen, you can find the button to run the test, with the ability to select storage devices. The result is in a table with the numbers displayed in megabytes per second.

The perfect solution for users who simply want to check SD card speed. But if you want to perform deeper data analysis, you need a more powerful utility.

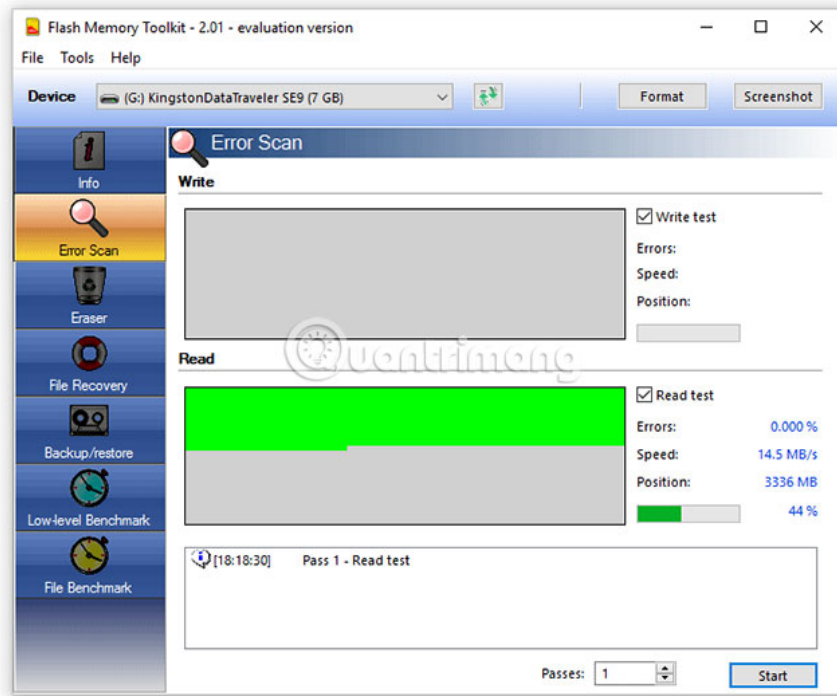
1. How to check the speed of read and write drives by CrystalDiskMark

## SD Card Speed



SD Card Speed ?? is an application to measure the speed of memory cards and USB flash drives. Calculations are made simply. The program records a large file on the flash drive and adds data to it, and measures the time needed to add each byte of information. The results are displayed in a simple table. You can keep statistics on measurements on one or more cards, if desired.

## Flash Memory Toolkit



Flash Memory Toolkit is another SD card speed test software, capable of working with flash drives. In addition to checking the speed of the memory card, this software has the ability to delete data and restore previously deleted information. The buttons for switching between screens are located in the left menu, but for direct inspection, you only need two buttons below: **Low-level benchmark** and **File benchmark**. These two buttons in turn help analyze file processing and writing speed.

*Download link: <http://www.flashmemorytoolkit.com/download.html>*

Which tool do you use to verify the speed and capacity of the SD card? Let us know in the comment section below!

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