

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

CrystalDiskMark is a tool to check the read and write capabilities of drives such as HDD, SSD or USB.

Speed of writing or reading drives is often used to evaluate storage devices such as hard drives, USB sticks or memory cards. This speed is also one of the ways to reflect the performance of the hard drive. Currently there are many software, tools to check the read and write speed of hard drives such as CrystalDiskMark.

This software is used by many people because it provides clear and accurate parameters for users. You can use CrystalDiskMark to check an SSD or HDD, or even a memory card and USB. The tool provides 4 methods to check read speed, write different data for user comparison. The following article will show you how to use CrystalDiskMark software.

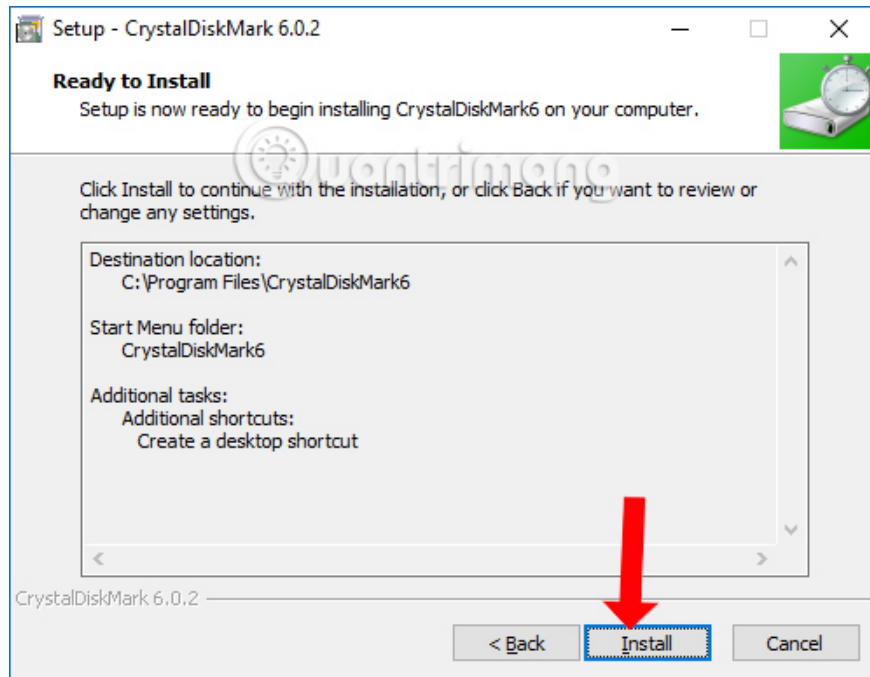
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How to use CrystalDiskMark on the computer

Step 1:

Users download and install CrystalDiskMark software under the link below.

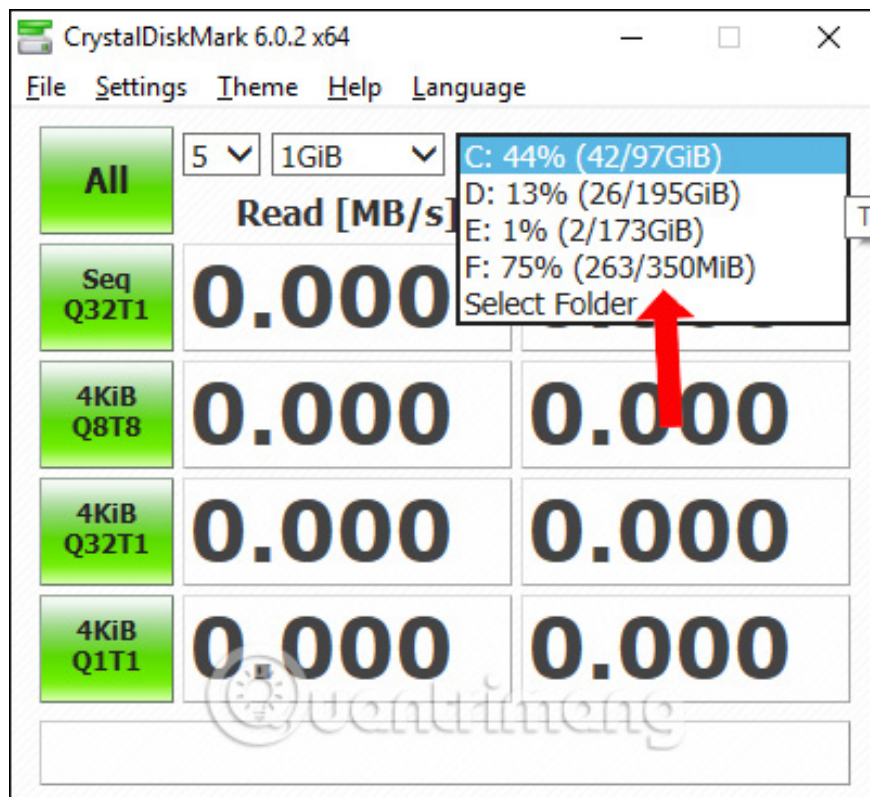
1. Download CrystalDiskMark software



Step 2:

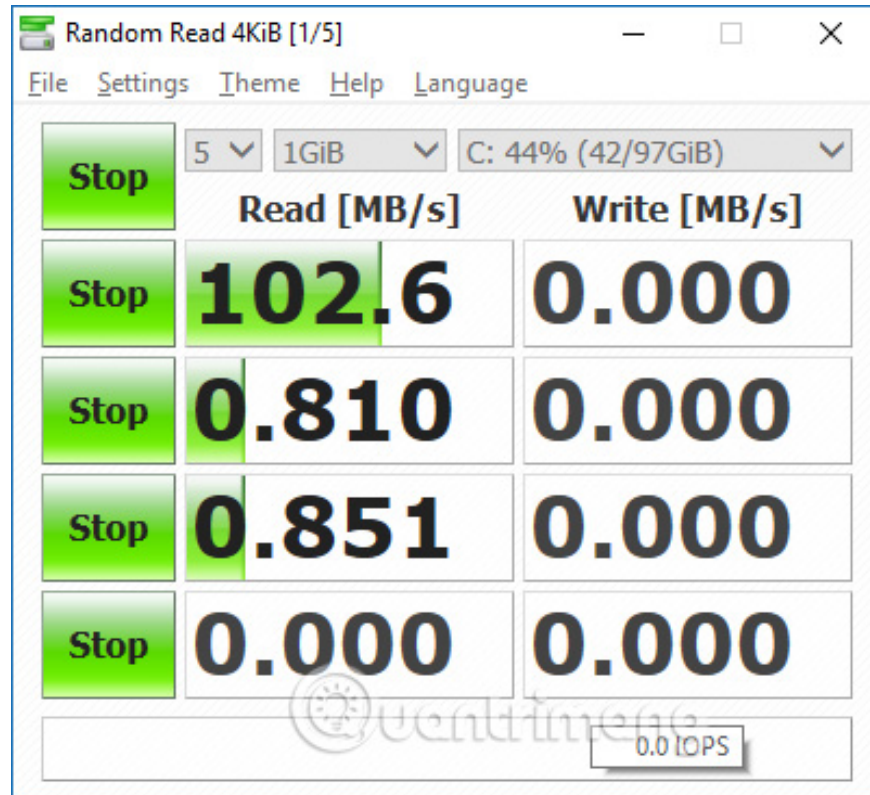
Below is the main interface of the software. In this first interface, users will see the full parameters. You will know the total number of drives on the computer you are using as well as the amount that the drive uses.

Users can **select the drive** to check the burning speed.



Step 3:

Continue to click **the All button** to check, or select 1 of the 4 modes below to check. The testing process may take 5 to 10 minutes depending on the amount of data stored.



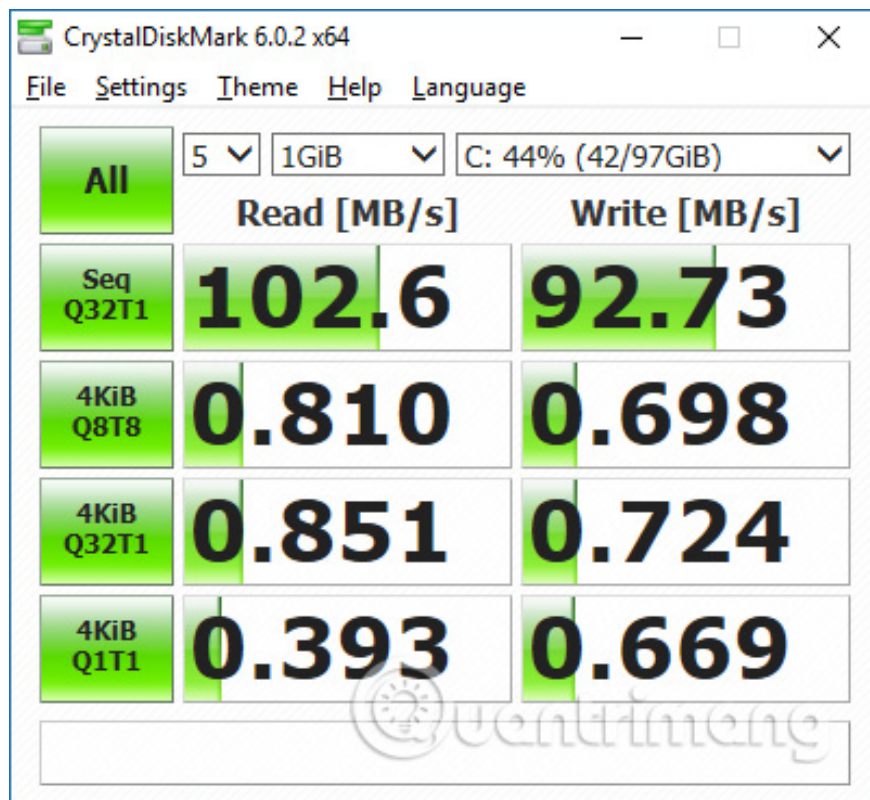
The results after checking the hard disk read and write speed will produce different parameters.

We need to pay attention to **the Seq test mode**, you will see the hard drive read speed is 102.6 MB / s and the hard drive's write speed is 92.73 MB / s.

In addition, other parameters will have different meanings.

1. Seq Q32T1: The data is read and written sequentially and consecutively to the vicinity of the drive with 32 rows (Queues) and 1 thread (Threads) of data. Usually this test mode will give the fastest speed.
2. 4KiB Q8T8: The data is read randomly on the data areas, with Q being 8 and T being 8.
3. 4KiB Q32T1: Random read and write data on data areas Q is 32, T is 1.
4. 4KiB Q1T1: The data is randomly read and read on the data areas with Q being 1 and T being 1.

As a result, the drive's read and write speed is relatively fast, especially the read speed of the drive.



CrystalDiskMark software will let users quickly know the read and write speed of the drive on the computer. In addition to checking CPU parameters, or checking configuration and hardware information, you can use CPU-Z software.

See more:

1. Instructions on how to view computer hardware information
2. How to check and detect RAM and hardware problems on your Windows computer?
3. 14 secrets of a laptop buyer

I wish you all success!

You finished reading the article "**How to check the speed of read and write drives by CrystalDiskMark**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.