9 best USB currently according to each criterion

USB flash drive is one of the popular technology devices thanks to its high portability. High demand means that many USB flash models are released by manufacturers.

With the development of cloud computing and storage, physical memory is no longer necessary for data transport anymore. But while email and Dropbox are great solutions to share some documents at a time, flash drives are a way to share large files more quickly and safely. With USB 3.0 technology, the fastest USB flash drives can even compete with external hard drives (hard drives) in terms of speed, with the advantage of being much more portable. Whether you are looking for speed, value or security, the list of the best USB flash drives in today's article has the perfect suggestions for you.

The best USB flash drive models according to each criterion

1. Best overall: Sandisk Extreme Go 3.1 64GB
2. Best speed: SanDisk Extreme PRO 128GB Drive
3. Best durability: Samsung 32GB Metal Flash Drive
4. Best price: Kingston Digital 16GB DataTraveler
5. Best for Apple products: SanDisk iXpand 128GB
6. Best for Macbook: Silicon Power C80 64GB Flash Drive
7. Best security: Farsler 32GB Fingerprint Thumb Drive
8. Best for Ultrabook: Samsung 32GB USB 3.0 Flash Drive Fit
9. The most 'rugged': Corsair Flash Survivor Stealth 64-bit USB 3.0 Flash Drive

Best overall: Sandisk Extreme Go 3.1 64GB

With extremely fast performance and compact form, Sandisk Extreme Go is definitely the best USB flash drive. With a read / write speed of 420MB / s and 380MB / s, Extreme Go's data transfer performance is strong and can

outperform the hard drive on a computer.

With a rocket-like speed, the Extreme Go can transfer a 4K movie in less than 40 seconds - almost 35 times the speed of USB 2.0 drives and thanks to USB 3.1 hardware. In addition to its quick operation, Sandisk has a pretty and slim design, measuring 7x2x1cm and weighing only 136g. The retractable connector makes it easy to store when not in use and it is backward compatible with any USB 3.0 or USB 2.0 port. Hidden inside the compact looks is a storage capacity of up to 64GB or 128GB and it comes with data storage recovery feature in case of asexual delete file.

Price: $ 33 (about VND 770,000)

Best speed: SanDisk Extreme PRO 128GB Drive

SanDisk PRO gives you really impressive speed, the read speed is 420MB / s and the write speed is 380MB / s, 3-4 times faster than a standard USB 3.0 drive. SanDisk PRO has a sleek aluminum housing and design (both durable and eye-catching), so you can take it with you to business meetings, which will look very professional. AES, on-board 128-bit file encryption gives you top security for sensitive files. That USB 3.0 connection is also backward compatible with USB 2.0, so you won't have any problems with the old computer. SanDisk is very confident about the functionality of this small drive, and offers a lifetime warranty package in case any problems occur. Finally, there is a backup system that you can download called RescuePRO. It will allow you to recover lost files if needed.

Price: 65 $ (about 1,500,000 VND)

Best durability: Samsung 32GB Metal Flash Drive

Anyone who accidentally left the flash drive in his pants pocket and put it in the washing machine would appreciate the durability of this Samsung drive. Its durable metal case is waterproof, shockproof, anti-magnetic and resistant to high temperatures. The drive is placed inside a metal case, so it won't break (and the metal key ring created with the same quality cover also helps your drive to last longer). Samsung is confident to offer a 5-year warranty package for this drive, ensuring anything can happen. Durability is not the only advantage. USB 3.0 and NAND technology make data transfer with this drive very reliable. It has read speeds up to 130MB / s and write speeds of over 100MB / s. It is also backward compatible with USB 2.0, but the transfer rate will be reduced.

Price: $ 24 (about VND 560,000)

Best price: Kingston Digital 16GB DataTraveler

You can get USB 3.0 speeds in a compact and durable metal USB drive from Kingston for less than $ 10. It has a capless design with a strong keyring, perfect for carrying travel or everyday use. The design can even be customized to add your company logo or name. The maximum reading speed is 100Mb / s, while the write speed is a bit slow. With a 5-year warranty package, a great design and a reasonable price, this small drive is a perfect choice.

Price: $ 8 (about VND 186,000)

Best for Apple products: SanDisk iXpand 128GB

Apple smart products do not come with USB ports, so you'll need a backward compatible drive that can plug into lightning devices. This USB drive from SanDisk is designed to be easy to use with the iPhone and iPad, thanks to a curved plastic connector that fits the back of the screen. It has USB 3.0 transfer speed and can accommodate more than 7,200 photos or 8,000 songs. It has the function to backup photos and transfer contacts automatically, to free up space on the device, increase upload speed.

Price: $ 63 (about VND 1,470,000)

Best for Macbook: Silicon Power C80 64GB Flash Drive

Macbook requires USB type C device, this is where this dual rotating flash drive from Silicon Power will be useful. It has a dual interface with a type C USB port on one end and a type A 3.0 USB port on the other end, on the same compact device. 360 degree swivel cover protects any unused connector and easily attaches to the keychains. C80 does not require any special drivers or software to function; Just plug it into the port and it's ready to use. But it has an optional file manager application, which is a simple and free automatic file sorting feature to put your work in the appropriate folders. It has fast read and write speeds, along with 64GB of storage, enough room for all your photos and files.

Price: $ 27 (about VND 630,000)

Best security: Farsler 32GB Fingerprint Thumb Drive

Many flash drives towards the security available on Amazon use the digital touchpad that requires you to remember the x-digit password. This itself is a problem (because you have to remember another password), plus it is very likely that someone will find your password, making it useless. Many other high-end options are quite expensive. So what is the solution to this problem? That is the Farsler line using fingerprints.

Perfect 32GB model with large capacity, high data transfer rate (data transfer rate of 3600MB / s) and affordable price. The fingerprint sensor itself is programmed through the included software and the retractable USB 3.0 port makes it compatible with all USB 3.0 devices. You can program and store up to 6 different fingerprints to allow a small group to access your encrypted files. There are also built-in partitions for both general and private access, so you can transfer less sensitive information to people who don't have full access, but still keep important files secure. Most important. Everything works without having to remember an access code.

Price: $ 43 (about 1,000,000 VND)

Best for Ultrabook: Samsung 32GB USB 3.0 Flash Drive Fit

With a very slim design, Ultrabook and tablets are only thick enough for a USB port. That's why some larger drives on this list are not ideal for those devices. Meanwhile, Samsung's Fit drives are slim and compact, about the size of your thumb. This memory is built with metal casing that is resistant to NAND flash elements and technology. With USB 3.0 technology, you can expect fast read speeds, even at very affordable prices. Just remember to mount it somewhere to avoid falling.

Price: $ 20 (about VND 470,000)

The most 'rugged': Corsair Flash Survivor Stealth 64-bit USB 3.0 Flash Drive

If you are looking for a durable device and can be used anywhere, Corsair Flash Survivor Stealth 64 bit is definitely the drive for you. Built with an aircraft aluminum case and equipped with a molded shock absorber, this drive can exist in any environment. It can even be submerged in water with a depth of up to 200 meters thanks to a rubber-coated EPDM (ethylene propylene diene monomer) cover. At a rate of about 85MB / s, this is not the fastest drive, but its ruggedness is unparalleled.

Price: $ 28 (about VND 650,000)

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1. Difference between Flash drive and Pen drive
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