

New USB 4 standard specifications: 8 times the speed of USB 3.0, 5GB / s data transfer

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The USB 4 standard has 3 major improvements over USB 3:

Faster speed

Compared with the latest USB 3.2 standard, the USB 4 standard has a data transfer rate of double, 40Gb / s (about 5GB / s). This is 8 times faster than the original USB 3.0 standard.



Thunderbolt 3 compatibility

Thunderbolt 3 is Intel's proprietary USB 3 standard, only available on Intel or licensed manufacturers' boards. However, Intel is currently licensing the Thunderbolt 3 specifications for free, so the device or USB 4 connection cable starting to be manufactured can be compatible with Intel's Thunderbolt 3 standard.



Improve the separation of data and video signals

The USB 3 standard allows using a single cable to send data, power and video signals at the same time, but sometimes the speed will be greatly reduced or it may only send one depending on how you set it up. . With the USB 4 standard, this limitation will improve a lot better.

The USB 4 standard still uses the same connector type as USB 3 instead of changing to a new connector.

Specifications for the USB 4 standard are available, but we still don't know when a USB 4 device will appear.

1. Black Shark launched the cool design room, capacity 10,000mAh, price only 390 thousand

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