



ICY BOX IB-DK8801-TB4 Wired Thunderbolt 4 Anthracite, Black

Model: IB-DK8801-TB4

Manufacturer: ICY BOX

EAN: 4250078172710

Product Code: 1640231

R6,261

What is Thunderbolt™ 4?

It is the superset standard that includes USB4®, DisplayPort™ and PCI Express (PCIe). With Thunderbolt™ 4, a data transfer rate of up to 40 Gbit/s (at 2 m cable length) as well as 32 GB/s PCIe data transfer must be guaranteed, at least one 100 W charging port must be available and wake-up from sleep mode must be possible.

What is the difference between Thunderbolt™ 3 and 4?

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Theoretically, a Thunderbolt™ 3 device should be able to do the same as a Thunderbolt™ 4 device. However, compared to version 3, Thunderbolt™ 4 now has to meet much stricter standards to be certified. This includes, among other things, support for two 4K displays or one 8K display.

IB-DK8801-TB4 prevents cyber attacks

This is realised through Virtualisation Technology for Directed I/O (VT-d). It prevents physical DMA attacks by protecting PCIe peripherals from unauthorised access to memory using DMA remapping. Access is thus only allowed to an isolated and allocated memory of a specific device.