

ICY BOX IB-3101-TB3

Thunderbolt™ 3 Type-C™ PCIe expansion enclosure

Key features

- Expand the capabilities of your Thunderbolt™ 3 notebook
- Durable and rugged aluminium casing
- Thunderbolt™ 3 for high transfer rates up to 40 Gbit/s
- DisplayPort™ interface for additional 4K monitor
- Second Thunderbolt™ 3 port supports Thunderbolt™ 3, USB 3.1 (Gen 2), and DisplayPort™ 1.2 devices
- PCIe (x16) slot supporting half-length, full-height, double-width cards
- PCI Express 3.0 x4 supported interface
- Supports Daisy-chain up to six Thunderbolt™ 3 devices



Packing content
 1x IB-3101-TB3, 1x external power supply with cord,
 1x Thunderbolt™ 3 Type-C™ cable (50 cm), 1x manual

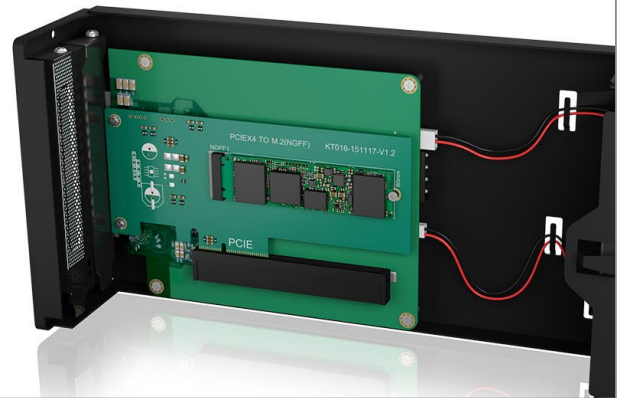
Technical data

| | |
|-----------------------------|---|
| Model | IB-3101-TB3 |
| Article no. | 60359 |
| EAN code | 4250078166801 |
| Brand | ICY BOX |
| Colour | Black |
| Material | Aluminium |
| Internal Interface | 1x internal PCIe (x16) slot with 4 lane PCI express 3.0 interface |
| Input interface | 1x Thunderbolt™ 3 Type-C™ |
| Output interface | 1x Thunderbolt™ 3 Type-C™ 1x DisplayPort™ 1.2 |
| Data transfer rate | Thunderbolt™ 3 up to 40 Gbit/s, measured up to 2300 MB/s |
| Video resolution | DisplayPort™ 1.2 up to 4096x2160@60 Hz |
| Supported PCIe cards | Half-length, full-height, double-width, not designed for graphics cards. PCIe (x16) slot provides a maximum of 25 W |

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|-------------------------|---|
| Power Delivery | No |
| Operating system | Windows® and macOS® |
| LED | Power |
| Cooling fan | 60x60x20 mm |
| Power Supply | AC 100 - 240 V, 2 A; DC 12 V@5.417 A (65 W) |

System requirements

This device has to be connected to the computer via Thunderbolt™ 3 Type-C™. PCIe card (driver) must be compatible with requirements for Thunderbolt™ 3 technology (e.g. hot-plug support, recovery from sleep). This device is not designed for graphics cards. The power and cooling is insufficient and regular graphics cards are too long for this case. The DisplayPort™ does not support DP++. When using a HDMI® to DisplayPort™ adapter, make sure to use an active adapter.



ICY BOX **IB-3101-TB3** Thunderbolt™ 3 Type-C™ PCIe expansion enclosure



Expand the capabilities of your notebook

The use of additional PCIe cards is popular and well spread because of many advantages. But whoever wants to take this advantage, often feels restricted as notebooks can not fulfil this requirement at all. That is where the IB-3101-TB3 comes to help and converts e.g. a PCIe card and a M.2 NVMe effectively to a high-performance external drive.



Supports PCIe 3.0 x4 cards

The PCIe (x16) slot accepts half-length, full-height, double-width cards and provides a maximum of 25 W. PCIe 3.0 x4 and the Thunderbolt™ 3 interface can reach data transfer rates up to 40 Gbit/s, providing enough bandwidth for both the internal PCIe card as well as any additional Thunderbolt™ 3 devices in the daisy chain.



DisplayPort™ and Thunderbolt™ 3

The DisplayPort™ interface allows you to connect an additional monitor to expand your workspace. This video output capability requires a Thunderbolt™ 3 connection to the computer and will free up the second Thunderbolt™ 3 port for Thunderbolt™ 3 (up to 6 daisy chained), USB 3.1 (10 Gbit/s), and other DisplayPort™ devices. The modern Thunderbolt™ 3 Type-C™ connection achieves theoretical transfer rates of up to 40 Gbit/s and measured transfer rates of about 2300 Megabyte per second.

Logistical data

Packing unit: 3 pcs./carton
Total weight: 9.0 kg/carton
Gross weight (with packing): 2.700 kg
Net weight: 1.635 kg

Dimension/carton: 455x375x290 mm
Dimension (with packing): 250x350x140 mm
Dimension of article: 285x80x140 mm
Country of origin: Taiwan