



# ICY BOX IB-DK4028-CPD USB Type-C Notebook Docking Station User Manual

[Home](#) » [ICY BOX](#) » ICY BOX IB-DK4028-CPD USB Type-C Notebook Docking Station User Manual 

## Contents

- [1 ICY BOX IB-DK4028-CPD USB Type-C Notebook Docking Station](#)
- [2 Safety information IB-DK4028-CPD](#)
- [3 Risk of electrical shock](#)
- [4 Hazards caused by the development of heat](#)
- [5 Safety information IB-DK4028-CPD](#)
- [6 Cleaning the device](#)
- [7 Disposing of the device](#)
- [8 Manual IB-DK4028-CPD](#)
- [9 Manual IB-DK4028-CPD](#)
- [10 Manual IB-DK4028-CPD](#)
- [11 Documents / Resources](#)
- [12 Related Posts](#)

# ICY BOX®

**ICY BOX IB-DK4028-CPD USB Type-C Notebook Docking Station**



## Safety information IB-DK4028-CPD

Please read carefully the following information to prevent injuries, damage to material and device as well as data loss:

### Warning levels

Signal words and safety codes indicate the warning level and provide immediate information in terms of the probability of occurrence as well as the type and severity of the consequences if the measures to prevent hazards are not complied with.

**DANGER** Warns of a directly hazardous situation causing death or serious injury.

**WARNING** Warns of a potentially hazardous situation that may cause death or serious injury.

**CAUTION** Warns of a potentially hazardous situation that may cause minor injury.

**IMPORTANT** Warns of a potential situation that may cause material or environmental damage and disrupt operative processes.

## Risk of electrical shock

### WARNING

- Read the operating instructions prior to use
- Make sure the device has been de-energised prior to working on it
- Do not remove contact protection panels
- Avoid contact with conducting parts
- Do not bring plug contacts in contact with pointed and metal objects

- Use in intended environments only
- Operate the device using a power unit meeting the specifications of the type plate only!
- Keep the device/power unit away from humidity, liquid, vapour and dust
- Do not modify the device
- Do not connect the device during thunderstorms
- Approach specialist retailers if you require repairs

### **Hazards during assembly (if intended)**

#### **CAUTION**

##### **Sharp components**

Potential injuries to fingers or hands during assembly (if intended)

- Read the operating instructions prior to assembly
- Avoid coming into contact with sharp edges or pointed components
- Do not force components together
- Use suitable tools
- Use potentially enclosed accessories and tools only

### **Hazards caused by the development of heat**

#### **IMPORTANT**

Insufficient device/power unit ventilation Overheating and failure of the device/power unit

- Prevent externally heating up components and ensure an exchange of air
- Do not cover the fan outlet and passive cooling elements
- Avoid direct sunlight on the device/power unit
- Guarantee sufficient ambient air for the device/power unit
- Do not place objects on the device/power unit

### **4. Hazards caused by very small parts and packaging**

#### **WARNING**

##### **Risk of suffocation**

Risk of death by suffocation or swallowing

- Keep small parts and accessories away from children
- Store/dispose of plastic bags and packaging in an area that is inaccessible to children
- Do not hand over small parts and packaging to children

### **Safety information IB-DK4028-CPD**

#### **Potential data loss**

## **IMPORTANT**

### **Data lost during commissioning**

Potentially irreversible data loss

- Always comply with the information in the operating instructions/quick installation guide
- Exclusively use the product once the specifications have been met
- Back up data prior to commissioning
- Back up data prior to connecting new hardware
- Use accessories enclosed with the product

### **Cleaning the device**

## **IMPORTANT**

### **Harmful cleaning agents**

Scratches, discolouration, damage caused by moisture or short circuit in the device

- Disconnect the device prior to cleaning
- Aggressive or intense cleaning agents and solvents are unsuitable
- Make sure there is no residual moisture after cleaning
- We recommend cleaning devices using a dry, anti-static cloth

### **Disposing of the device**

## **IMPORTANT**

### **Environmental pollution, unsuitable for recycling**

Potential environmental pollution caused by components, recycling circle interrupted This icon on product and packaging indicates that this product must not be disposed of as part of domestic waste. In compliance with the Waste Electrical and Electronic Equipment Directive (WEEE) this electrical device and potentially included batteries must not be disposed of in conventional, domestic waste or recycling waste. If you would like to dispose of this product and potentially included batteries, please return it to the retailer or your local waste disposal and recycling point. The included batteries must be completely discharged before return. Take precaution to protect the batteries from short circuits (e.g. by insulating the contact poles with adhesive tape) If you have any questions, please do not hesitate to contact our support at [support@raidsonic.de](mailto:support@raidsonic.de) or visit our website at [www.icybox.de](http://www.icybox.de).

## **Manual IB-DK4028-CPD**

### **Package content**

IB-DK4028-CPD, 1x pouch, 1x manual

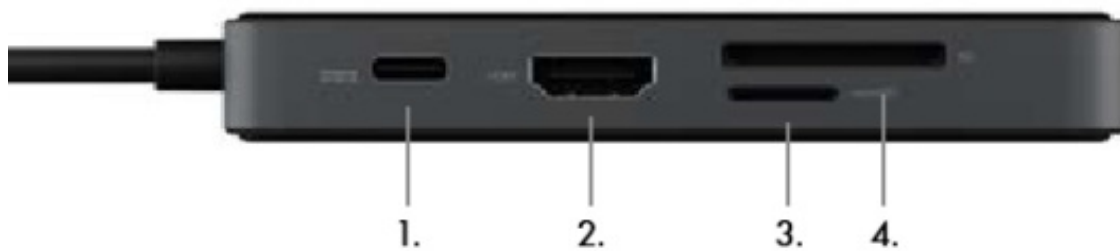
### **Type-C® Notebook DockingStation**

The USB Type-C® DockingStation by ICY BOX in elegant design and with Power Delivery technology is designed for connection to a computer (e.g. laptop, notebook, etc.) with Type-C® interface and DisplayPort™ Alt Mode support in order to be able to connect additional monitors, USB peripherals, LAN and memory cards. The computer can be powered simultaneously via a Power Delivery Type-C® interface.

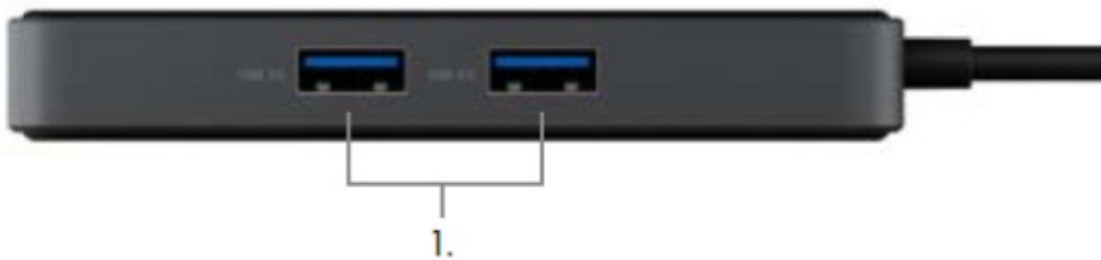
## Features

- Premium aluminium enclosure with high-gloss glass surface on the top side
- 1x High-Speed HDMI® Type-A interface with up to 3840×2160@30 Hz
- 2x USB 3.0 Type-A data interface, data transfer rate of up to 5 Gbit/s
- 1x Single-LUN card reader for SD 3.0 and microSD 3.0 cards with up to 100 MB/s
- 1x RJ45 Ethernet interface, supports 10/100/1000 Mbit/s
- 1x USB Type-C® with Power Delivery support, no data transfer
- Charge your notebook with up to 100 W via the USB Type-C® interface by connecting the original Type-C® power supply of your computer.

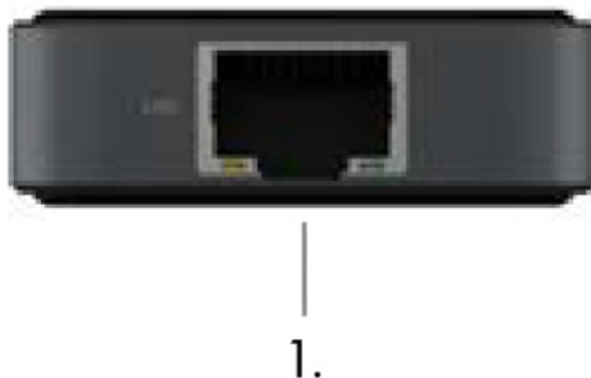
## Side views



1. USB Type-C® only for Power Delivery up to 20 V@5 A (100 W), no data transfer
2. HDMI® interface / up to 3840×2160@30 Hz
3. microSD 3.0 card reader up to 100 MB/s
4. SD 3.0 card reader up to 100 MB/s



1. 2x USB 3.0 Type-A data interface + 0.9 A charging



1.RJ45 Ethernet interface, supports 10/100/1000 Mbit/s

## Manual IB-DK4028-CPD

### Starting up

#### Requirements

- Host computer with an available USB Type-C® port (to ensure full dock functionality, the host USB Type-C® port must support USB Power Delivery and DisplayPort™ Alt Mode or Thunderbolt™ 3)
- Any of the following operating systems: Windows® 10, macOS®

**Note:** The DockingStation can still connect to a host computer with a USB Type-C® port that does not support Power Delivery (but must still support DisplayPort™ Alt Mode). In this configuration, the DockingStation will not provide power to your host notebook.

#### USB Type-C®

Not all USB Type-C® ports support the full functionality of the USB Type-C® standard. Some ports might only provide data transfers, and might not support video or Power Delivery over USB.

To use this dock to its full potential, ensure that the host USB Type-C® port from your computer supports DisplayPort™ Alt Mode, as well as USB Power Delivery or Thunderbolt™ 3.

**Note!** The USB Type-C® port on the DockingStation supports only Power Delivery (no data transfer).

### Install and use the docking station



1. Connect USB Type-C® cable
2. Connect your devices to the appropriate interfaces on the dock. The dock will automatically install some of the required drivers once it is connected to your notebook's USB Type-C® port. If you receive a prompt to automatically install the driver(s), follow the on-screen instructions to complete the installation.
3. Connect your external display to the DockingStation's video port.

**Note:** Video output capabilities are dependent on the video card and hardware specifications of your connected host notebook. Certain graphic cards have limited support, while some monitors will also limit the output resolution.

## Manual IB-DK4028-CPD

### Configure a display device

Please setup your display settings accordingly to your operating system and requirements. For detailed

information, see the corresponding operation manual and description of your operating system.  
Supported video resolutions

### The DockingStation supports:

Ultra HD resolution via HDMI® if the connected HDMI® display supports it.

- Number of displays
- Video output configuration HDMI®
- Maximum resolution/monitor 3820×2160@30 Hz

### Usage of memory card slots

#### SD card

Insert the SD card into the SD card slot with the bevelled corner in front of it. The golden PIN's of the card must be directed downwards (blue LED at the top).

#### microSD card

Insert the microSD card into the microSD card slot with the bevelled corner in front of it. The golden PIN's of the card must be directed upwards (blue LED at the top).


**Single-LUN** – the card reader can only work with one memory card at a time

**Note:** In order to power and charge your connected laptop, its USB Type-C® port must support USB Power Delivery or Thunderbolt™ 3.

### Important

1. When connecting the USB Type-C® plug of the IB-DK4028-CPD to a Chrome-book™, the mouse to be connected to the USB 3.0 Type-A port will not work immediately, but with a few seconds delay. This problem also occurs with other similar Type-C® adapters (including Apple original 3-in-1 adapter) when connecting to a Chromebook™.
2. Attention! When plugging in and out a Power Delivery adapter to the Type-C® interface of the IB-DK4028-CPD, the connected USB devices will get disconnected flashily and then reconnect within a few seconds. In order to prevent possible data loss or corruption, do not disconnect the Power Delivery adapter from AC power while data transfer is in process.

### Documents / Resources

	<p><a href="#">ICY BOX IB-DK4028-CPD USB Type-C Notebook Docking Station</a> [pdf] User Manual IB-DK4028-CPD, USB Type-C Notebook Docking Station, IB-DK4028-CPD USB Type-C Notebook Docking Station</p>
---	--