Manuals+ — User Manuals Simplified.

ICY BOX IB-DK4027-CPD External Memory Card Reader User Manual

Contents

ICY BOX®

ICY BOX IB-DK4027-CPD External Memory Card Reader

Safety information IB-DK4027-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
Contact with parts conducting electricity Risk of death by electrical shock

- 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 Sharp components

CAUTION: 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 a 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

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

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 Elec-trical and Electronic Equipment Directive (WEEE) this electrical device and potentially included batteries must not be disposed of in conventional, do-mestic 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 or visit our website at **www.icybox.de.**

Package content

IB-DK4027-CPD, 1x pouch, 1x manual

Type-C® Notebook DockingStation
The USB Type-C® DockingStation is designed for extra connectivity demands.
With this DockingStation you can extend a USB Type-C® host interface and DisplayPort™ Alt Mode supported computer to more displays, USB peripherals, LAN and memory cards through one USB Type-C® cable. Adopting Power Delivery charging technology, upstream charging function through the Type-C® interface, you can charge the connected notebook by using your existing Type-C® power supply at once.

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
- 1x VGA interface with up to 1920x1080P@60 Hz
- 3x USB 3.0 Type-A data interface, data transfer rate of up to 5 Gbit/s
- 1x Single-LUN card reader for SD 2.0 and microSD 2.0 cards with up to 25 MB/s
- 1x RJ45 Ethernet interface, supports 10/100/1000 Mbit/s
- 1x 3.5 mm stereo combo interface for headsets
- 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.
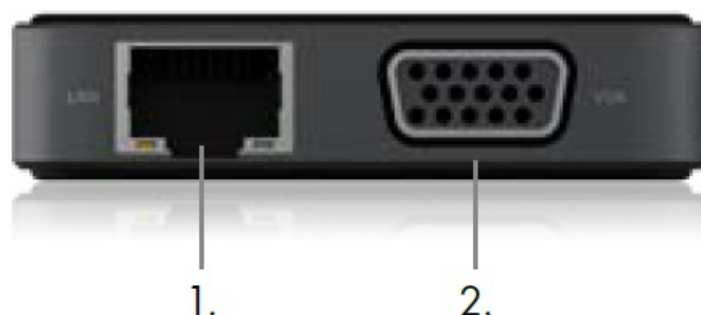
Side views

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 2.0 card reader up to 25 MB/s
4. SD 2.0 card reader up to 25 MB/s
5. 3.5 mm stereo combo jack (microphone/audio out)

1. 3x USB 3.0 Type-A data interface + 0.9 A charging

1. RJ45 Ethernet interface, supports 10/100/1000 Mbit/s
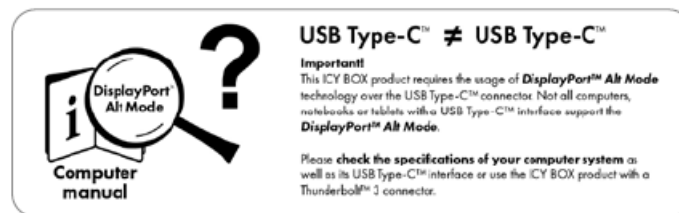
2. VGA interface up to 1920x1080P@60 Hz

Starting up Requirements

- Host computer with an available USB Type-C® port (to ensure full dock functional-ity, 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®

USB Type-C™ ≠ USB Type-C™

Important!
This ICY BOX product requires the usage of **DisplayPort™ Alt Mode** technology over the USB Type-C™ connector. Not all computers, notebooks or tablets with a USB Type-C™ interface support the **DisplayPort™ Alt Mode.**

Please **check the specifications of your computer system** as well as its USB Type-C™ interface or use the ICY BOX product with a Thunderbolt™ 3 connector.
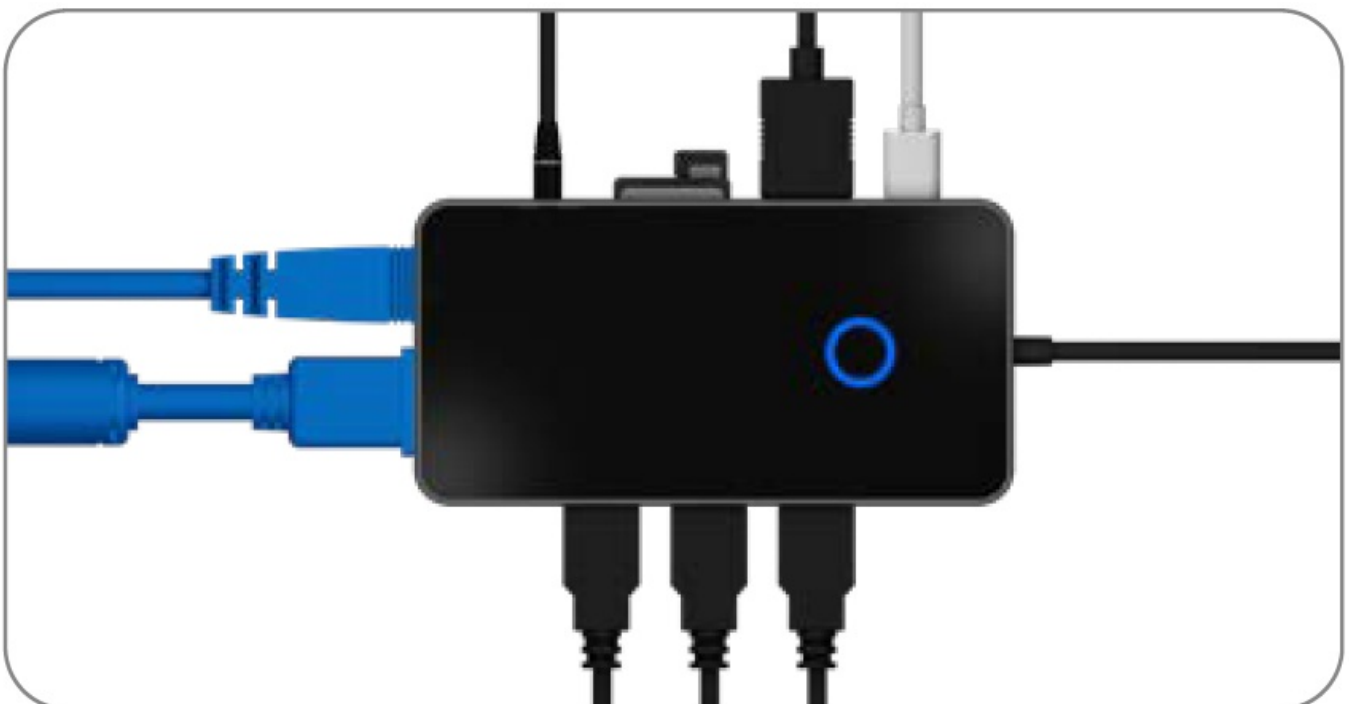
Not all USB Type-C® ports support the full functionality of the USB Type-C® standard. Some ports might only provide data transfers, and might not support video or Power Delivery over USB.

To use this dock to its full potential, ensure that the host USB Type-C® port from your com-puter 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 specifica-tions of your connected host notebook. Certain graphic cards have limited support, while some monitors will also limit the output resolution.

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:

1. Ultra HD resolution via HDMI® if the connected HDMI® display supports it.
2. Full HD resolution via VGA if the connected VGA display supports it.

- Number of displays Video output configuration Maximum resolution/monitor
- 1 HDMI® 3820×2160@30 Hz
- 1 VGA 1920×1080@60 Hz
- 2 (Only Mirrored) HDMI® + VGA max 2x 1920×1080@60 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.
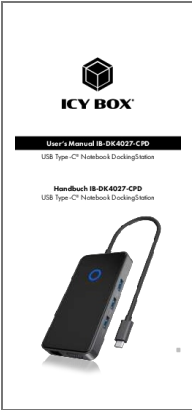
Important

1. When connecting the USB Type-C® plug of the IB-DK4027-CPD to a Chrome-book™, the mouse to be connected to the USB 3.0 Type-A port will not work immediately; it will have seconds' delay. This problem also

occurs with other similar Type-C® adapters (including Apple original 3 in 1 adapter) when connected with Chromebook™.

2. **Attention!** When plugging in and out a Power Delivery adapter to the Type-C® interface of the IB-DK4027-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, avoid disconnecting the Power Delivery adapter from AC power while transferring data.

Documents / Resources

	ICY BOX IB-DK4027-CPD External Memory Card Reader [pdf] User Manual IB-DK4027-CPD, External Memory Card Reader

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