



IB-DK4012-CPD

## 9-in-1 mobile DockingStation

Article no. 61058    EAN code 4250078173908

Introducing the cost-effective **ICY BOX®** DockingStation: a blend of top-quality and efficiency. With select ports tailored for precision, this DockingStation offers dual HDMI® outputs for an enhanced viewing experience at 4K@30 Hz and 2K@60 Hz. The DisplayPort™ Alternate Mode ensures direct graphics signal continuity for peak performance. Integrated card readers, SD 3.0 and microSD 3.0, promise swift data transfers. Its USB Type-C® versatility seamlessly connects a range of devices.



### Host

Supports USB Type-C®,  
USB PD 3.0 Type-C®  
up to 100 W (pass-through)



### Multiple display

2x HDMI® supports  
1x 4K@60 Hz or  
2x 2K@60 Hz



### USB interfaces

2x USB 3.2 Gen 1 Type-A  
1x USB 2.0 Type-A



### Data transfer

USB 3.2 Gen 1 up to 5 Gbit/s  
USB 2.0 up to 480 Mbit/s



### Memory cards

SD/microSD 3.0  
card readers

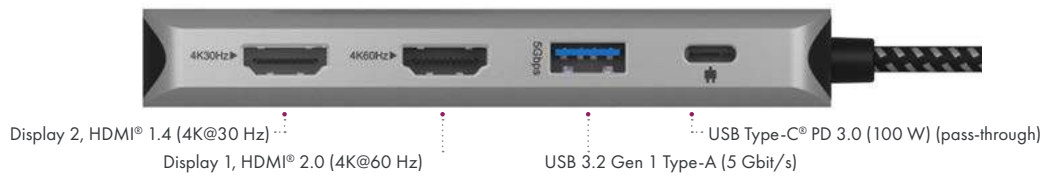


### LAN Port

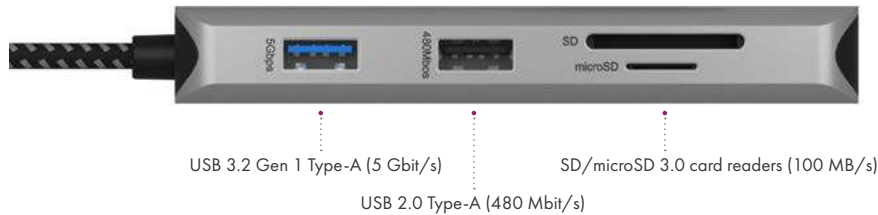
RJ45 Gigabit Ethernet

## VIEWS

### FRONT VIEW



### REAR VIEW



### SIDE VIEW



## KEY FEATURES



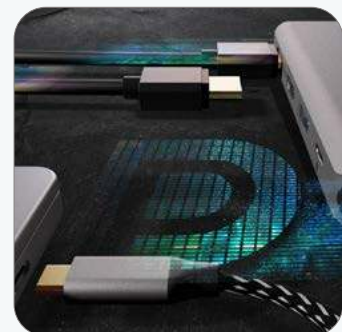
### Double the displays – double the efficiency

Multitasking made easy: with a combination of two monitors, you can keep better track of details. Thanks to dual HDMI® interfaces, using multiple monitors is easier than ever, as long as your host computer supports the necessary technology. Take advantage of dual video output and work effortlessly on multiple tasks at the same time!



### Stunning visuals at your fingertips

When clarity matters, count on precision. Offering dual video outputs at 4K@30 Hz and 2K@60 Hz, every detail stands out, every color pops, and every moment is crystal clear, setting the standard for premium visual fidelity.



### Seamless Visuals with DisplayPort™ Alternate Mode

In the realm of digital displays, DisplayPort™ Alternate Mode via Type-C® stands unparalleled. This cutting-edge connection ensures an uninterrupted, pure, and superior visual journey. From every frame to each intricate scene, every graphic signal is transmitted with immaculate precision.

## PACKING CONTENT

- ▶ 1x IB-DK4012-CPD
- ▶ 1x Manual

## PRODUCT FEATURES

| Colour           | Material                | UASP support | Cable length       | Cooling | Video technology      | Power supply |
|------------------|-------------------------|--------------|--------------------|---------|-----------------------|--------------|
| Anthracite/black | Aluminium/plastic (ABS) | Yes          | 15 cm (integrated) | Passive | DisplayPort™ Alt Mode | USB-powered  |

## VIDEO CONNECTION AND DISPLAY OUTPUT MATRIX

Video matrix design (host PC = USB Type-C® DP Alt Mode, DP 1.2), maximum resolutions (Windows®)

| Number of displays  | Input (plug-in) |         | Output          |                 |
|---------------------|-----------------|---------|-----------------|-----------------|
|                     | HDMI® 1         | HDMI® 2 | HDMI® 1         | HDMI® 2         |
| Dual video output   | ✓               | ✓       | 1920x1080@60 Hz | 1920x1080@60 Hz |
| Single video output | ✓               |         | 3840x2160@30 Hz |                 |
|                     |                 | ✓       |                 | 3840x2160@30 Hz |

Video matrix design (host PC = USB Type-C® DP Alt Mode, DP 1.4, DSC), maximum resolutions (Windows®)

| Number of displays  | Input (plug-in) |         | Output          |                 |
|---------------------|-----------------|---------|-----------------|-----------------|
|                     | HDMI® 1         | HDMI® 2 | HDMI® 1         | HDMI® 2         |
| Dual video output   | ✓               | ✓       | 3840x2160@30 Hz | 1920x1080@60 Hz |
| Single video output | ✓               |         | 3840x2160@60 Hz |                 |
|                     |                 | ✓       |                 | 3840x2160@30 Hz |

Video matrix design (host PC = USB Type-C® DP Alt Mode), maximum resolutions (macOS®)

| Number of displays  | Input (plug-in) |         | Output                              |                 |
|---------------------|-----------------|---------|-------------------------------------|-----------------|
|                     | HDMI® 1         | HDMI® 2 | HDMI® 1                             | HDMI® 2         |
| Dual video output   | ✓               | ✓       | 3840x2160@30 Hz only mirrored (SST) |                 |
| Single video output | ✓               |         | 3840x2160@60 Hz                     |                 |
|                     |                 | ✓       |                                     | 3840x2160@30 Hz |

## SYSTEM REQUIREMENTS

| Supported Operating Systems | Host compatibility                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Windows®/macOS®/Chrome OS™  | <p>Compatible with Thunderbolt™ 3/4/USB4® USB Type-C® equipped computers<br/>Support of DisplayPort™ Alt Mode and Power Delivery required!</p> <p>Supports MST (Multi Stream Protocol) for Windows® bases computers<br/>Only supports SST (Single Stream Protocol) for macOS® based computers</p> <p>Multi-LUN card readers: allow the use of two cards simultaneously<br/>No power supply included (only necessary for Power Delivery)</p> |

## INTERFACE TO HOST COMPUTER

| Port        | Position                   | Version & transfer rate   | Features                                                                                                 |
|-------------|----------------------------|---------------------------|----------------------------------------------------------------------------------------------------------|
| USB Type-C® | Side<br>(integrated cable) | USB 3.2 Gen 2 (10 Gbit/s) | Supports PD 3.0, 5 V/9 V/15 V/20 V<br>Charging power max. 100 watts (pass-through)<br>with data transfer |

## USB CONNECTIONS

| Port          | Position   | Version & transfer rate  | Voltage | Amperage | Wattage   |
|---------------|------------|--------------------------|---------|----------|-----------|
| 1x USB Type-A | Front side | USB 3.2 Gen 1 (5 Gbit/s) | 5 V     | 900 mA   | 4.5 watts |
| 1x USB Type-A | Rear side  | USB 3.2 Gen 1 (5 Gbit/s) | 5 V     | 900 mA   | 4.5 watts |
| 1x USB Type-A | Rear side  | USB 2.0 (480 Mbit/s)     | 5 V     | 500 mA   | 2.5 watts |

## FURTHER IN-/OUTPUTS

| Port                       | Position   | Version & transfer rate               |
|----------------------------|------------|---------------------------------------|
| USB Type-C® Power Delivery | Front side | PD 3.0 up to 100 watts (pass-through) |
| microSD card reader        | Rear side  | microSD 3.0 (100 MB/s)                |
| SD card reader             | Rear side  | SD 3.0 (100 MB/s)                     |
| RJ45                       | Side       | 10/100/1000 BASE-T Gigabit Ethernet   |

## NEW USB NOMENCLATURE

| Legacy USB standards      | Current USB standards | Data transfer rate |
|---------------------------|-----------------------|--------------------|
| USB 3.0 = USB 3.1 (Gen 1) | = USB 3.2 Gen 1       | = 5 Gbit/s         |
| USB 3.1 = USB 3.1 (Gen 2) | = USB 3.2 Gen 2       | = 10 Gbit/s        |
| USB 3.2 (Gen 2x2)         | = USB 3.2 Gen 2x2     | = 20 Gbit/s        |
| –                         | = USB4® Gen 3x2       | = 40 Gbit/s        |

## LOGISTICAL DATA

| Packing unit | Total weight | Gross weight<br>(with packing) | Net weight | Dimension/<br>carton | Dimension<br>(with packing) | Dimension<br>of article | Country of<br>origine |
|--------------|--------------|--------------------------------|------------|----------------------|-----------------------------|-------------------------|-----------------------|
| 60/carton    | 10.120 kg    | 0.157 kg                       | 0.094 kg   | 340x445x280 mm       | 25x100x200 mm               | 48x115x17 mm            | China                 |

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