

i-tec USB-C Metal Low Profile 4K Triple Display Docking Station with Power Delivery 85 W + i-tec Universal Charger 112 W

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PRODUCT DESCRIPTION

This product is a product set of a docking station and universal charging adapter. By purchasing of this kit, you get a complete solution which allows you to easily connect your favourite accessories, including LAN and external monitors, as well as easily and conveniently charge your device (including your laptop or tablet).

DOCKING STATION

Connect your favourite accessories to your laptop, tablet, PC or smartphone equipped with the new USB-C or Thunderbolt 3 interface. Using this docking station, you can access power and output for up to three external monitors (applies for Windows-based systems).

This docking station is suitable for use with all laptops and other devices equipped with the USB-C connector with video transmission support (USB-C DisplayPort Alt mode). In case of incompatibility, your new i-tec product may not work properly.

For details regarding your device's USB port specifications, please refer to your laptop / tablet / smartphone manual or contact your device manufacturer's customer support. However, even if you are not sure that your device is fully compatible after verification, please contact our technical department by writing an email to support@itecproduct.com. The docking station has an internal power consumption of 15 W. When connecting a 45 W USB-C power adapter, the docking station delivers 30 W to the laptop. In the case of a 60 W adapter, the docking station delivers 45 W; in the case of an 85 W adapter, the docking station delivers 70 W; in the case of a 100 W adapter, it delivers 85 W.

Note: The macOS operating system does not support Multi Stream Transport technology (2 or more monitors in extended mode). This technology does not support any docking station using the USB-C DisplayPort Alt Mode in macOS.

CHARGER

This universal USB-C power adapter with power of 112 W is a great choice for powering any laptop or other device equipped with a USB-C connector that supports USB-C Power Delivery with a maximum power demand of 100 W. The voltage is set automatically according to the USB Power Delivery specification 2.0 v1.2 in the individual profiles in following steps: 5 V / 9 V / 12 V / 15 V / 19 V / 20 V with max. 5 A current consumption. Another positive feature of this adapter is the additional USB-A output (5V, max. 2.4 A) which can easily be used to power most devices with charging via USB (e.g. MP3 players, Bluetooth hands-free, digital picture frames, most Android mobile phones, Apple iPhone, iPad, iPod, navigation, etc.).

The power adapter is lightweight and very portable; it is equipped with intelligent current overload, overvoltage, short circuit and overheating protection.

PRODUCT FEATURES

DOCKING STATION

- 1x integrated USB-C cable for connecting to the host device (19cm)
- Docking station technology: [USB-C \(MST\)](#)
- Power Delivery: 85W
- Video ports:
 - 1x Display Port
 - 1x HDMI
 - 1x VGA
- Supported Resolutions:
 - 1 monitor – 1x Display Port/HDMI → up to 4K/30Hz
 - 1 monitor – 1x VGA → up to 1080p/60Hz
 - 1 monitor → 1x Display Port/HDMI → up to FHD/120Hz
 - 2 monitors – 1x (DP,HDMI, VGA) + 1x (DP,HDMI, VGA) → up to 2x 1080p/60Hz
 - 3 monitors – 1x Display Port + 1x HDMI + 1x VGA → up to 3x 1080p/30Hz*
 - 3 monitors – 1x Display Port + 1x HDMI + 1x VGA → up to 1x 1080p/60Hz + 2x 720p/60Hz*
- 1x USB-C port PD (power delivery only)
- 2x USB 3.0 port with fast charge support (BC 1.2)
- 1x USB 2.0 port
- 1x Ethernet GLAN RJ-45 port (Realtek RTL8153)
- 1x SD slot
- 1x microSD slot
- 1x 3,5mm Audio output
- OS: Windows 10, macOS X, Android, Chrome OS Google, Linux with the latest updates
- Product dimensions: 269 x 86 x 22 mm
- Product weight: 341 g
- Package dimensions: 316 x 130 x 30 mm
- Package weight: 479 g

* In order for three external monitors to function, the laptop lid must be closed.

SYSTEM REQUIREMENTS

Hardware requirements:

- Device with an available USB-C or Thunderbolt™ 3 port

Power Delivery Requirements:

- Host device with an available USB-C or Thunderbolt™ 3 port that provides Power Delivery support

Video output requirements:

- Device with an available USB-C port with “DisplayPort Alternate Mode” support or a Thunderbolt™ 3 port

Operating System:

- Windows 10, macOS X*, Android, Chrome OS Google, Linux with the latest updates

* macOS does not support Multi Stream Transport (MST) technology. Connecting two monitors to the station on macOS will result in both monitors showing the same image.

CHARGER

- Universal 112 W USB-C power adapter for powering laptops, tablets, smartphones and other devices equipped with a USB-C charging port
- Input voltage AC 100-240 V, 50-60 Hz, max. 2.3 A
- Output power (max.): 112 W
- Efficiency: more than 86 %
- USB-C output voltage: DC 5 V / 9 V / 12 V / 15 V / 19 V / 20 V
- USB-C output current: max. 5A
- USB-C Output power (max): 100W
- USB-A output voltage: DC 5 V
- USB-A output current: max. 2.4 A
- USB-A Output power (max): 12W
- Protection against current overload, overvoltage, short circuit and overheating.
- Operating temperature: 0 °C – 40 °C
- Relative humidity: 10 % – 100 %
- Product dimensions: 143 x 65 x 34 mm
- Product weight: 356 g
- Package dimensions: 198 x 157 x 45 mm
- Package weight: 540 g

SPECIFICATION

Part Number	Product Description & EAN
C31FLATPLUS112W	i-tec USB-C Metal Low Profile 4K Triple Display Docking Station with Power Delivery 85 W + i-tec Universal Charger 112 W EAN: 8595611703225
C31FLATPLUS112WUK	i-tec USB-C Metal Low Profile 4K Triple Display Docking Station with Power Delivery 85 W + i-tec Universal Charger 112 W EAN: 8595611703232
Hardware	
Bus type	USB-C, Thunderbolt-3
Ports/Connectors	
System Requirements	
Operating system	Windows 10 macOS X Android Linux Chrome OS R51 or later Windows 10 - Automatic installation of OS

	drivers. Other operating systems - manual driver installation. Firmware updates automatically.
Other features	
Colour	space grey
Housing Material	aluminium
Product Dimensions	269 x 86 x 22 mm
Product Weight	341 g
Package Weight	1019 g
Packaging Dimensions (LxWxH)	316 x 130 x 30 mm
Support	
Warranty period	2 years
Technical support	lifetime
Package contents	
Product	
Silicone pads	
Manual	
1x Universal adapter 112 W	
Power cable (150 cm)	
1x User manual	

For further information regarding setup or for answers to FAQ's, please visit our website [i-tec.pro](https://www.i-tec.pro). Specifications are subject to change without notice.

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