



**USB-C
Metal Nano
3x Display
Dock**



i-tec USB-C Metal Nano 3x Display Dock User Guide

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i-tec USB-C Metal Nano 3x Display Dock



Product Usage Instructions

Hardware Installation

1. Turn on your laptop/tablet and connect the power adapter to the docking station.
2. Plug the USB-C cable into the USB-C port on the rear panel of the docking station.
3. Connect the other end of the cable to an available USB-A, USB-C, USB4, or Thunderbolt™ 3/4 port on your device.
4. Automatic installation of ports on each system will start. If not, install the DisplayLink driver.
5. After installation, restart the guest device for optimal performance.

Installing Drivers in Windows 10/11

Warning: Do not connect the docking station to your laptop/tablet until you have installed the appropriate drivers. Drivers need to be installed before first use.

1. Download the drivers from the website www.i-tec.pro/en/setup/ under the Download tab for this product.
2. Start the installation from the downloaded file, select the installation language, and follow the on-screen instructions.

PRODUCT INFORMATION

Please read the entire instruction manual carefully. Detailed manual is available on our website www.i-tec.pro/en/ in the tab „Manuals, drivers“. In case of any issues, please contact our technical support at: support@itecproduct.com.



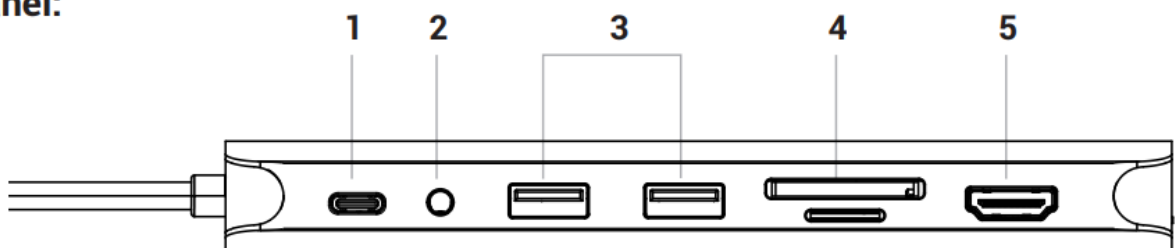
DESCRIPTION

Top panel:



USB-C cable for connection to a guest device

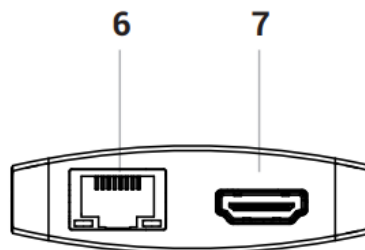
Left panel:



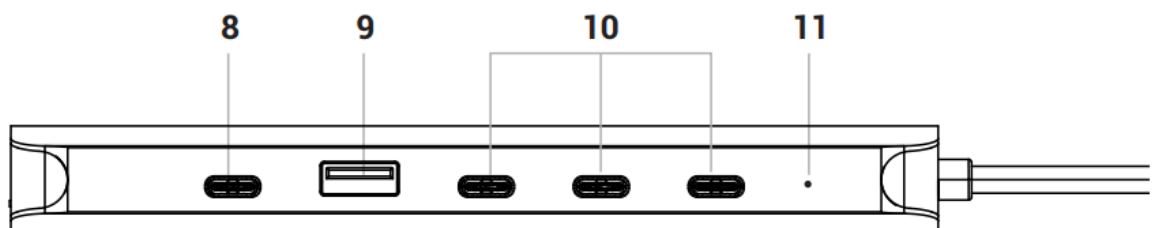
Bottom panel:

6. RJ-45 (LAN)

7. HDMI



Right panel:



- 1. USB-C PD in
- 2. Audio Combo
- 3. 2x USB 2.0

4. SD/TF
5. HDMI
6. RJ-45 (LAN)
7. HDMI
8. USB-C MFDP
9. 1x USB 3.2 Gen.2
10. 3x USB-C 3.2 Gen.2
11. LED indicator

SPECIFICATIONS

- 1x integrated USB-C cable for connecting to devices (30 cm)
- Docking station technology: USB-C MST + USB-C PD 3.1
- Power delivery: 140 W* (internal power consumption of the dock 5-10 W)
- Video ports: 2x HDMI, 1x USB-C MFDP
- Resolution:
 - 1 monitor → 1x HDMI or USB-C MFDP → up to 4K/60Hz
 - 1 monitor → 1x HDMI or USB-C MFDP → up to QHD/165Hz
 - 2 monitors → 1x HDMI + 1x HDMI or USB-C MFDP → up to 2x 4K/60Hz
 - 3 monitors → 2x HDMI + 1x USB-C MFDP → up to 2x 4K/60Hz + 1x 4K/30Hz
- 1x USB-A 3.2 Gen 2 (10 Gbps) with BC 1.2 fast charging support
- 3x USB-C 3.2 Gen 2 (10Gb/s) up to 15W power on one port (5V 3A)
- 1x USB-C 3.2 Gen 2 (10 Gb/s) with video output
- 2x USB 2.0
- 1x USB-C PD 3.1 140W input
- 1x RJ-45 1Gbps Ethernet port
- 1x 3.5mm combo connector
- 1x SD/micro SD slot
- LED indicator
- OS: Windows 10 / 11, macOS , iPadOS, Android, ChromeOS, Linux
- Product dimensions: 155.2 x 60.3 x 18 mm
- Product weight: 142g

Hardware requirements:

- A device with a free USB-C port with support for “ DisplayPort Alt mode” or Thunderbolt™ 3/4, USB4.Power

Power Delivery requirements:

- Device with a free USB-C, USB4 or Thunderbolt™ 3/4 port with Power Delivery support

Operating System

- Windows 10/11, macOS , Android**, iPadOS**Chrome OS, Linux.

- If the dock is connected via USB-A, laptop and tablet charging is not supported.

NOTE: The macOS operating system does not support Multi-Stream Transport (MST) technology for multiple screens, which means that when connected to macOS, the same image is projected on both monitors connected to the USB-C ports.

- Charging external devices is only supported when the dock is connected to a hosted device.
- 140W can only be expected if the guest device supports PD 3.1 140W
- If the docking station is connected via USB 3.0, charging of laptops and tablets is not supported.
- iPadOS, Android do not support multi-screen video transfer technology or extended screen capability. This means that only a mirrored screen will be displayed when connected to an external monitor. (Not valid for Android devices with DEX and Easy Projection extensions)

HARDWARE INSTALLATION

HARDWARE INSTALLATION (CONNECTING THE DOCKING STATION TO THE LAPTOP/TABLET)

1. Turn on your laptop/tablet and connect the power adapter to the docking station.
2. Plug the USB-C cable into the USB-C port on the rear panel of the docking station
3. Plug the other end into an available USB-A, USB-C, USB4 or Thunderbolt™ 3 /4 port on your device.
4. This will then start the automatic installation of the ports on each system or you may need to install the Displaylink driver see below
5. After the installation is complete, we recommend restarting the guest device.

INSTALLING DRIVERS IN WINDOWS 10/ 11

WARNING! Do not connect the docking station to your laptop/tablet until you have installed the appropriate drivers. Drivers only need to be installed before first use.

1. Make sure you have the latest drivers for your device and an updated BIOS installed on your system before installation.
2. For Windows, download the drivers from our website www.i-tec.pro/en/setup/ under the “Download” tab for this product. Start the installation from the downloaded file, select the installation language and follow the on-screen instructions.
3. On Windows 10/ 11, install the drivers as the “Administrator” user. The screen may flicker during driver installation, this is a standard process. We recommend restarting your laptop/tablet after the installation is complete.
4. In a multi-laptop environment equipped with Windows 10, 11, a one-time corporate installation by a system administrator is possible. For more information on how to install, read the instructions here: <https://www.synaptics.com/products/displaylink-graphics/downloads/corporate>
5. Most of the problems with the docking station and connected peripherals can be solved by using the On/Off switch or by disconnecting the USB cable of the docking station from the USB port of the laptop/tablet/Mac and reconnecting it after about 10s.

SAFETY INSTRUCTIONS

SAFETY INSTRUCTIONS FOR USING THE DOCKING STATION

General safety instructions

1. Follow these safety guidelines to prevent possible damage to your computer and ensure your own safety.
Unless otherwise noted, all procedures in this document assume that you have read the safety information that came with your computer. Place the device on a hard, level surface. Leave approximately 10 cm of clearance on all vented sides to allow air to flow for proper ventilation. Restricting airflow may damage the equipment or cause a fire.
2. Do not stack equipment on top of each other or place them so close together that they are exposed to recirculation or preheated air.
3. Make sure that nothing is resting on the equipment cables and that the cables are positioned so that they cannot be tripped over or stepped on.
4. Ensure that all cables are connected to the appropriate connectors. Some connectors look similar and can be easily confused (for example, do not plug the telephone cable into the power connector).
5. Do not place the device in an enclosed wall unit or on a soft fabric surface such as a bed, sofa, or carpet.
6. Keep the equipment away from heat sources.
7. Keep the equipment away from abnormally high or low temperatures so that it can operate within its operating range.
8. Do not insert objects into the vents or openings of the equipment. Failure to do so may result in fire or electric shock due to short circuit of internal components.
9. Do not use the unit in a humid environment, such as near a hot tub, near a sink, near a swimming pool, or in a damp basement.
10. Do not use mains-powered equipment during a storm. Battery-powered devices may be used if all cables are disconnected.
11. Avoid contact of liquids and food with the equipment.
12. Unplug the device from the electrical outlet before cleaning it. Clean the device with a soft cloth dampened with water. Do not use liquid or aerosol products that may contain flammable substances.
13. To avoid potential electrical shock hazards, do not connect or disconnect any cables or perform maintenance or reconfigure the equipment during a storm.
14. Before touching docking station components, ground yourself with a grounding bracelet or periodically touch an unpainted metal surface, such as the metal part on the back of the computer. While working, touch the unpainted metal surface regularly to remove any static electricity that could damage internal components.
15. When unplugging the cable, pull on the connector or grip, not the cable itself. Some cables have connectors with latches or screws that must be loosened before disconnecting the cable. When disconnecting cables, hold them straight to avoid bending the pins. When connecting cables, make sure that the ports and connectors are properly rotated and aligned.

GENERAL SAFETY INSTRUCTIONS REGARDING POWER SUPPLY

- Before connecting the equipment to an electrical outlet, check the rated voltage and make sure that the required voltage and frequency match the available power source.
- Make sure the computer, monitor, and connected devices have the proper rated electrical power to operate with the power adapter connected in your area.

- If the power cord is damaged, do not plug it into an electrical outlet.
- To avoid electric shock, plug the power cords of the equipment into properly grounded electrical outlets. If the equipment is equipped with a three-prong power cord, do not use adapter plugs that bypass the grounding function or remove the grounding element from the plug or adapter.
- If using an extension power cord, make sure that the total rated power of the products connected to it does not exceed the rated current of the extension cord.
- If you must use an extension cord or splitter, make sure that the extension cord or splitter is connected to a wall outlet and not to another extension cord or splitter. The extension cord or splitter must be designed for grounded plugs and plugged into a grounded outlet.
- If you are using a splitter with multiple outlets, be careful when plugging the power cord into the splitter. Some splitters may allow the plug to be connected incorrectly. Incorrect connection of the power plug can cause permanent damage to the equipment and may also cause a risk of electric shock or fire. Make sure that the grounding tip of the power plug is inserted into the grounding contact of the splitter.
- When unplugging the equipment from the power outlet, pull the plug, not the cord.
- Use only a power adapter supplied by i-tec Technologies s.r.o. approved for use with this equipment. Use of any other power adapter may cause fire or explosion.
- If you use the power adapter to power a computer or charge a battery, place it in a ventilated area, such as on top of a desk or on the floor. Do not cover the power adapter with paper or other objects that may reduce cooling. Do not use the power adapter in its carrying case.
- The power adapter may become hot during normal operation of the docking station or computer.
- Use caution when handling the adapter during or immediately after operation.
- We recommend placing the adapter on the floor or table so that the indicator light is visible. This way you will know immediately when the adapter shuts down due to external influences. If for some reason the green light goes out, unplug the power cord from the outlet for 10 seconds and then plug it back in.
- Never use a power adapter that shows signs of damage or excessive wear

FREQUENTLY ASKED QUESTIONS

- Available on our website www-i-tec.pro under “FAQ” for this product

GLOSSARY OF TERMS

- **Interface / port / connector / input / slot** – the place where two devices are physically connected.
- **Controller** – a semiconductor component (so-called chipset) in a notebook/tablet, ensuring the operation of one of the ports.
- **Thunderbolt™** – is a fast hardware interface that allows you to connect devices (peripherals) to your computer via an expansion bus. Thunderbolt combines PCI-Express and DisplayPort into a serial data interface. It allows for up to 6 additional Thunderbolt™ devices, and the transfer rate for Thunderbolt™ 3/4 is up to 40Gbit/s.
- **USB-C / USB Type-C / USB4 / Thunderbolt™ 3/4** – is a symmetrical connector Allows faster charging, power, dual-role (not only host but also guest), support for Alt Mode (DisplayPort, MHL, Thunderbolt 3, Power Delivery), and error notification via Billboard device.
- **USB-C Power Delivery (USB-C PD)** – an optional feature of the USB-C connector. A connector with this support can both charge and be charged, and supports loads from 10W to 240W
- **USB 3.2 / 3.1 / 3.0 / 2.0** – standard for USB interface / port for connecting various USB devices. Various USB

devices can be connected to the docking station or adapter using the USB Type-A interface. The USB type B port is used to connect the docking station or adapter to a laptop/tablet.

- **HDMI/Display Port** – A standard for a digital graphics interface/port used to connect monitors and other graphic display devices.
- **LAN (Local Area Network)** – local area network, now the most common is the so-called Ethernet, which reaches theoretical transfer speeds of up to 2.5 Gbit/s at the docking station.
- **Audio** – a term for an audio input (microphone) or output device (headphones/speakers).

EUROPEAN UNION ONLY

NOTE: MARKING IS IN COMPLIANCE WITH EU WEEE DIRECTIVE



■ This equipment is marked with the above recycling symbol. It means that at the end of the life of the equipment you must dispose of it separately at an appropriate collection point and not place it in the normal domestic unsorted waste stream. This will benefit the environment for all. (European Union only)

FCC COMPLIANCE STATEMENT


This equipment has been tested and found to comply within the limits of a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

- www.i-tec.pro

FAQs

- **Q: Can I charge external devices using the dock?**
 - A: Charging external devices is supported only when the dock is connected to a hosted device.
- **Q: What if my guest device does not support PD 3.1 140W?**
 - A: 140W power delivery can only be expected if the guest device supports PD 3.1 140W. Make sure your device is compatible for optimal performance.
- **Q: Can I charge laptops and tablets when connected via USB 3.0?**
 - A: Charging of laptops and tablets is not supported when the docking station is connected via USB 3.0. Ensure proper connectivity for charging functionality.

Documents / Resources

	<p>i-tec USB-C Metal Nano 3x Display Dock [pdf] User Guide C31NANOTRIPIED140UK, C31NANOTRIPIED140, C31NANOTRIPIEDOCKPD, USB-C Metal Nano 3x Display Dock, Metal Nano 3x Display Dock, Nano 3x Display Dock, Display Dock, Dock</p>
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References

- [!\[\]\(1207edb9a08751d3d55970560645ed23_img.jpg\) Home | i-tec](#)
- [!\[\]\(d7a34a706cfa4ef37c62a369101e1b36_img.jpg\) Homepage | i-tec](#)
- [!\[\]\(7325769475e8f4bf67f57a0cbebc8ab9_img.jpg\) Home | i-tec](#)
- [!\[\]\(1a468f12cdfc63dc07896d0781cf55ec_img.jpg\) Inicio | i-tec](#)
- [!\[\]\(a9a0baec8ceb7d7c04180806eca8d32a_img.jpg\) Accueil | i-tec](#)
- [!\[\]\(c1ab807d6aebb565b3082513037b5622_img.jpg\) Homepage | i-tec](#)
- [!\[\]\(083bb479299cb5e55cd99db0433ca6ba_img.jpg\) Start | i-tec](#)
- [!\[\]\(ede41f318336daae6cce8449321d11ea_img.jpg\) Home | Synaptics](#)
- [!\[\]\(b0cd9d88e5935e4c3891570bfdded05c_img.jpg\) Products | Touch Controller, Display Driver, Fingerprint Sensor | Synaptics](#)
- [!\[\]\(81bb4e52f43acc06353225c332f66031_img.jpg\) DisplayLink Graphics | Synaptics](#)
- [User Manual](#)

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