



i-tec CACHRGHUB20C USB A Metal Charging Plus Data HUB User Guide

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i-tec USB-C/USB-A
Metal Charging
+ data HUB, 15W per port,
20x USB-C



User guide
P/N: CACHRGHUB20C

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CACHRGHUB20C USB A Metal Charging Plus Data HUB

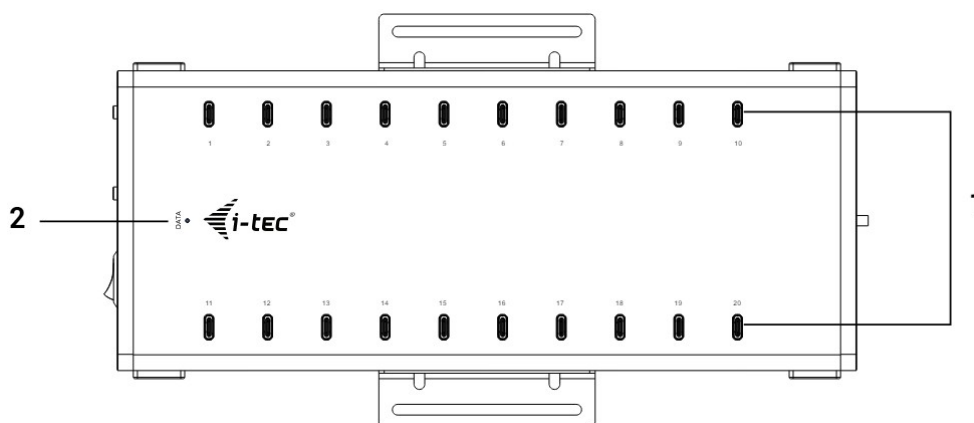
Please read the entire instruction manual carefully. Detailed manual is available on our website www.i-tec.cz/en/ in the tab „Manuals, drivers“. In case of any issues, please contact our technical support at: support@itecproduct.com



<https://i-tec.pro/en/produkt/cachrghub20c-2/>

DESCRIPTION

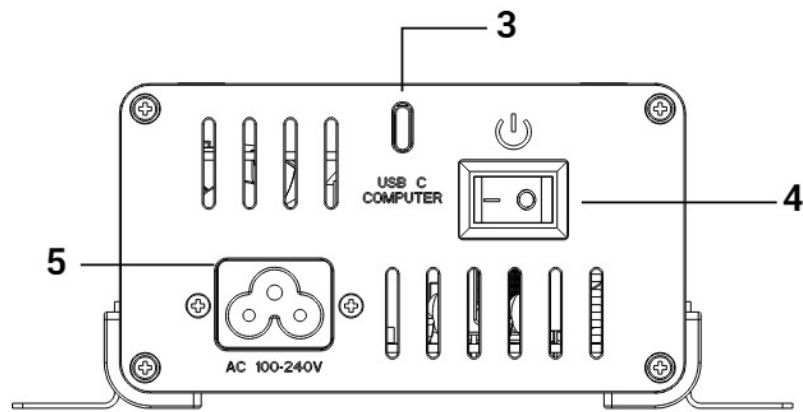
Top panel:



- 1. 20x USB-C port supports up to 15W of charging power (5V/9V/12V) and Fast charging (BC1.2)
- 2. USB Data indication LED

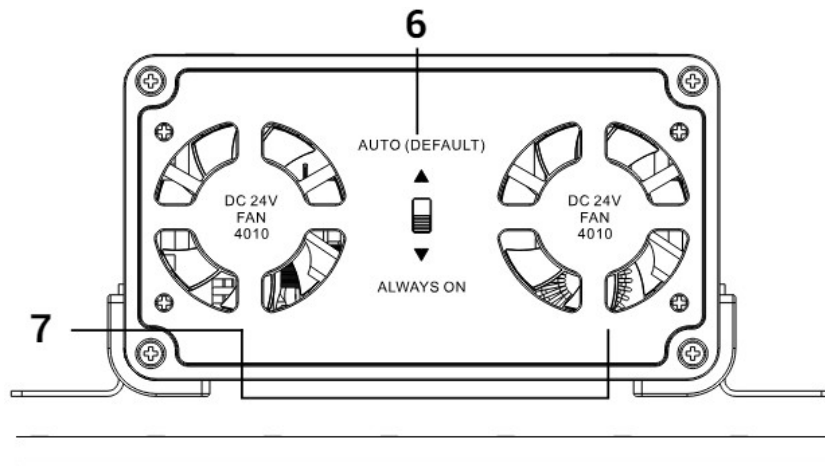
Back panel:

- 3. USB-C 3.2 gen.1 port for connecting to host devices
- 4. ON / OFF Switch for powering the product
- 5. Power input: AC 100-240V ~ 50/60Hz 2.2A (MAX)



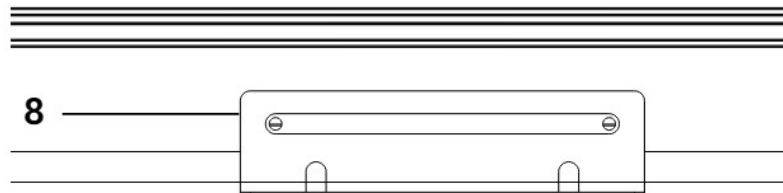
Front Panel:

- 6. Switch controlling fans (modes: AUTO, Always ON)
- 7. 2x Fan



Side panels:

- 8. Rack mounting bracket holes



SPECIFICATIONS

- 1x USB-C 3.2 gen.1 port for connecting to host devices
- 2x USB-C port (1 & 11) supporting up to 5Gbps data transfer rates
- 18x USB-C port supporting up to 480Mbps data transfer rates
- Each USB-C port supports up to 15W of charging power (5V/9V/12V) and Fast charging (BC 1.2)
- 1x Power input: AC 100-240V ~ 50/60Hz 2.2A (MAX)
- Total Power output: 300W
- 1x On / Off switch for powering the product
- 1x Switch controlling fans (modes: AUTO, Always ON)
- Rack mounting brackets
- Power LED indication
- Host data LED indication
- USB-C data cable (100cm)
- USB-C to USB-A data cable (100cm)

- Surge and overcurrent protection
- OS: Windows 10/11, macOS, Linux, ChromeOS

SYSTEM REQUIREMENTS

Hardware requirements:

- Devices with a free USB-A, USB-C, USB4 or Thunderbolt™ 3/4 port

Operating system:

- Windows 10 / 11, macOS and Linux with the latest updates

INSTALLING DRIVERS

Windows:

No need to install.

macOS drivers and more

No driver installation required

SAFETY INSTRUCTIONS FOR USING THE CHARGE HUB

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 the devices or place them so close together that they are exposed to recirculation or preheated air.
3. Check that nothing is lying on the cables and that the cables are positioned so that they cannot be tripped over or stepped on.
4. Make sure all cables are connected to the appropriate connectors. Some connectors look similar and can be easily confused (for example, do not plug the phone cable into the power connector).
5. Do not place the appliance 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 extremely high or low temperatures so that it can operate within its operating range.
8. Do not insert any objects into the vents or openings of the appliance. Failure to do so may result in fire or electric shock due to short-circuiting of internal components.
9. Do not use the device in a humid environment, such as near a hot tub, sink, swimming pool, or in a damp basement.
10. Do not use mains powered equipment during a storm. Battery-powered devices can be used if all cables are disconnected.
11. Avoid contact of liquids and food with the device.

12. Before cleaning the device, unplug it from the electrical outlet. 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 the potential risk of electric shock, 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 regularly 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 disconnecting the cable, pull on the connector or handle, 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 device to an electrical outlet, check the rated voltage and make sure that the required voltage and frequency match the available power source.
- Make sure that 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.
- When 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 power 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 sockets, be careful when plugging the power cord into the splitter. Some splitters may allow the plug to be connected incorrectly. Incorrectly connecting 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 device from the power outlet, pull the plug, not the cable.
- Use only a power adapter supplied by i-tec technologies s.r.o. approved for use with this device. Use of any other power adapter may cause fire or explosion.
- If you are using the power adapter to power your computer or charge your 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.
- Be careful 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 right away 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 (called a chipset) in a notebook/tablet that ensures the operation of some from 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 daisy chaining of up to 6 additional Thunderbolt™ devices, with Thunderbolt™ 3/4 transfer rates of 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 alternative modes – Alt Mode (DisplayPort, MHL, Thunderbolt 3, Power Delivery) and error notification via Billboard device.

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 USB Type-A interface the USB Type B port is used to connect the docking station or adapter to a laptop/tablet.



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)

EU Declaration of Conformity

Manufacturer: i-tec Technologies s.r.o., Kalvodova 2,
709 00 Ostrava – Mariánské Hory, Czech Republic

declares that this product

Product: i-tec USB-C/USB-A Metal Charging+data HUB, 15W per port, 20xUSB-C

Model: CACHRGHUB20C

Determination: Product is intended for use as an accessory for PCs.

We declare under our sole responsibility that the above named product is in conformity with the following European Union directives:

EC Directive 2014/30/EU, and 2011/65/EU:

EN 55032:2015/A1:2020; EN 55035:2017/A:2020

EN IEC 61000-3-2:2019/A1:2021; EN 61000-3-3:2013/A2:2021

RoHS:

2011/65/EU; EU 2015/863

and it is safety under conditions of standard application

Signed for and on behalf of:

CE

Ostrava 01. 05. 2024



Executive Name and Signature




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/en

Documents / Resources

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