



i-tec Thunderbolt 4 Dual Display Docking Station Intelligent Series + Power Delivery 90W



User guide • Gebrauchsanweisung • Mode d'emploi

Manual de instrucciones • Manuale • Uživatelská příručka

Instrukcje obsługi • Uživatelská příručka

• Vartotojo vadovas Handleiding • Användarhandbok • Guia do utilizador

P/N: TB4INTDUAL4KDOCPD

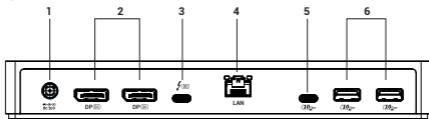


EN Please read the entire instruction manual carefully. Detailed manual is available on our website www.i-tec.pro/en/ in the tab „Manuals, drivers“. In case of any issues, please contact our technical support at: support@itecproduct.com

ENGLISH.....	4-9
WEEE.....	10-11
Declaration of Conformity.....	12-13
FCC.....	14

DESCRIPTION

Back panel:



1. 1x power input (DC 20V/6.75A)
2. 2x DisplayPort
3. 1x Thunderbolt 4
4. 1x Ethernet GLAN RJ-45 port
5. 1x USB-C 3.2 Gen2 (10 Gbps), BC 1.2 (fast charging) support
6. 2x USB-A 3.2 Gen2 (10 Gbps)

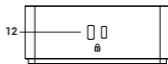
Front panel:



7. 1x USB-A 3.2 Gen2 (10 Gbps), BC 1.2 (fast charging) support
8. 1x USB-A 2.0 (480 Mbps)
9. 1x 3,5 mm combo audio/microphone jack
10. 1x Thunderbolt 4 port for laptop connection
11. 2x LED indication

Side panel:

12. Support for Kensington lock



SPECIFICATIONS

- 1x Thunderbolt 4 port for connection to a notebook
- Docking station technology: Thunderbolt 4
- Power Delivery: 90W
- 1x port Thunderbolt 4: video or data transfer (40 Gbps)
- Video Ports: 2x DisplayPort (DP)
- Supported resolutions:
 - Thunderbolt™ 3/4 or USB4 Host device with DisplayPort 1.4 support:
 - 1 monitor – 1x DP or TB4 → up to 8K/30Hz*
 - 1 monitor – 1x DP or TB4 → up to 4K/144Hz or 1440p/240Hz or 1080p/360Hz
 - 2 monitors – DP I + TB4 or 2x DP → up to 2x 4K/60Hz
 - 2 monitor – DP + TB4 or 2x DP → up to 1440p/144Hz
 - Thunderbolt™ 3 Host device with DisplayPort 1.2 support:
 - 1 monitor – 1x DP or TB4 → up to 5K/60Hz
 - 1 monitor – 1x DP or TB4 → up to 4K/144Hz or 1440p/240Hz or 1080p/360Hz
 - 2 monitors – DP + TB4 or 2x DP → up to 2x4K/60Hz
 - 2 monitor – DP+ TB4 or 2x DP → up to 1440p/144Hz
 - USB-C Host device with DisplayPort 1.4 support:
 - 1 monitor – 1x DP or TB4 → up to 4K/60Hz
 - 1 monitor – 1x DP or TB4 → up to 1440p/144Hz
 - USB-C Host device with DisplayPort 1.2 support:
 - 1 monitor – 1x DP or TB4 → up to 4K/30Hz
 - 1 monitor – 1x DP or TB4 → up to 1080p/120Hz
- Supported Modes: 1: Extension, Mirroring, and Primary Display
- 1x USB-C 3.2 Gen2 (10 Gbps), BC 1.2 (fast charging) support
- 1x USB-A 3.2 Gen2 (10 Gbps), BC 1.2 (fast charging) support
- 2x USB-A 3.2 Gen2 (10 Gbps)
- 1x USB-A 2.0 (480 Mbps)
- 1x port Ethernet GLAN RJ-45, 10/100/1000
- 1x 3.5mm combined audio/microphone jack (playback supports 24bit/192K sampling rate)
- 1x 135W (20V/6.75A) power input
- MAC address cloning: yes: (using software i-tec Docker Pro)
- WOL: S1, S2, S3
- LED indication
- Support for Kensington lock
- Power on/off button
- Product dimensions: 220 x 74 x 30mm
- Product weight: 230 g

SYSTEM REQUIREMENTS

Hardware requirements:

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

Power Delivery Requirements:

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

Video Output Requirements:

- Device with a free USB-C** or USB4 port with DisplayPort Alternate Mode support or Thunderbolt™ 3/4 port

Operating System:

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

* Connected laptop or tablet must support 8K resolution.

** Only one monitor is supported when connected to USB-C

INSTALLING DRIVERS

Windows:

Only if a problem is detected with the LAN adapter, for example:

In case of outages, slow network and in case of bad or no LAN detection.

You can download LAN drivers here in the Manuals, Drivers section

<https://i-tec.pro/en/produkt/tb4intdual4kdocpd-2>

macOS:

No driver installation required

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 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 incor-

rectly. 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-C Power Delivery (USB-C PD) - optional feature of the USB-C connector. 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 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 is used by The docking station achieves theoretical transfer rates of up to 2.5 Gbit/s .

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



ENGLISH

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)

DEUTSCH

Dieses Produkt trägt das Recycling-Symbol gemäß der EU-Richtlinie. Das bedeutet, dass das Gerät am Ende der Nutzungszeit bei einer kommunalen Sammelstelle zum recyceln abgegeben werden muss, (kostenlos). Eine Entsorgung über den Haus-/Restmüll ist nicht gestattet. Dies ist ein aktiver Beitrag zum Umweltschutz. (Nur innerhalb der EU)

FRANÇAIS

Ce dispositif est revêtu du marquage avec le symbole de recyclage indiqué ci-dessus. Ça veut dire, qu'une fois décollée la vie utile dudit dispositif, vous vous voyez dans l'obligation d'assurer, que le dispositif se trouve déposé en un respectif centre de collecte, dûment établi à cette fin, et non en d'autres centres de ramassage qui soient destinés à déposer de courants déchets municipaux non triés. De cette manière, on contribue considérablement à une amélioration en matière d'environnement où nous vivons tous. (Seulement pour l'Union Européenne).

ESPAÑOL

El dispositivo está indicado por el símbolo de reciclaje. Esto significa que al final de la vida útil de la instalación, debe asegurarse de que se almacene por separado en un punto de recolección establecido para este fin y no en los lugares designados para la eliminación de desechos municipales ordinarios sin clasificar. Contribuirá a mejorar el medio ambiente de todos nosotros. (Sólo para la Unión Europea)

ITALIANO

Questo dispositivo è contrassegnato con il seguente simbolo di riciclaggio. Si chiede di consegnarlo alla fine del suo ciclo di vita a un Centro di raccolta dei rifiuti differenziati istituita per questo scopo e non in altri centri indicati per depositare rifiuti urbani normali non differenziati. In questo modo si contribuisce al miglioramento della qualità dell'ambiente (valido soltanto per l'Unione Europea).

ČEŠTINA

Toto zařízení je označeno výše uvedeným recyklačním symbolem. To znamená, že na konci doby života zařízení musíte zajistit, aby bylo uloženo

odděleně na sběrném místě, zřízeném pro tento účel a ne na místech určených pro ukládání běžného netříděného komunálního odpadu. Přispěje to ke zlepšení stavu životního prostředí nás všech. (Pouze pro Evropskou unii)

SLOVENSKY

Toto zariadenie je označené vyššie uvedeným recyklačným symbolom. To znamená, že na konci doby života zariadenia musíte zaistiť, aby bolo uložené oddelene na zbernom mieste, zriadenom pre tento účel a nie na miestach určených pre ukladanie bežného netriedeného komunálneho odpadu. Prispieje to k zlepšeniu životného prostredia nás všetkých. (Iba pre Európsku úniu)

POLSKI

To urządzenie oznakowane jest specjalnym symbolem odzysku. Pookresie użytkowania trzeba je zwrócić do odpowiedniego punktu zbiórki i nie wolno umieszczać go razem z nieposortowanymi odpadami. Takie działanie przyniesie korzyść dla środowiska. (Tylko w Unii Europejskiej)

LIETUVIU

Šis gaminys yra pažymetas specialiu atlieku tvarkymo ženkle. Baigus eksploataciją, gaminys turi būti atiduotas į atitinkamą surinkimo punktą ir negali būti šalinamas kartu su nerūšiuojamomis atliekomis. Tokie Jusu veiksmai prisideda prie aplinkos apsaugos. (Tiktai Europos Sąjungoje)

NEDERLANDS

Dit apparaat is voorzien van het bovenvermelde recyclingsymbool. Dit betekent dat u aan het einde van de levensduur van het apparaat ervoor dient te zorgen dat het afzonderlijk wordt opgeslagen op een verzamelpunt dat hiervoor is ingericht en niet op plaatsen die zijn aangewezen voor de verwijdering van gewoon ongesorteerd gemeentelijk afval. Dit zal bijdragen aan de verbetering van de leefomgeving van ons allemaal. (Alleen voor de Europese Unie)

SVENSKA

Denna utrustning är märkt med ovanstående återvinningssymbol. Det betyder att du vid slutet av utrustningens livslängd måste kassera den separat på en lämplig insamlingsplats och inte placera den i det vanliga osorterade hushållsavfallet. Detta kommer att gynna miljön för alla. (Endast Europeiska unionen)

PORTUGUÊS

Este equipamento está marcado com o símbolo de reciclagem acima. Significa que, no final da vida útil do equipamento, deve eliminá-lo separadamente num ponto de recolha adequado e não colocá-lo no fluxo normal de resíduos domésticos indiferenciados. Isto irá beneficiar o ambiente para todos. (Apenas na União Europeia)

EU Declaration of Conformity / EU Konformitätserklärung / Déclaration EU de conformité / Declaración UE de Conformidad / Dichiarazione di conformità UE / EU Prohlášení o shodě / EU Prehlásenie o zhode / EU Declaracja zgodności / ES atitikties deklaracija / EU-Conformiteitsverklaring / EU-försäkran om överensstämmelse / Declaração de Conformidade UE

Manufacturer, Der Hersteller, Le fabricant, Fabricante, Produttore, Výrobce, Výrobca, Producent, Gamintojas, De fabrikant: i-tec Technologies s.r.o., Kalvodova 2,
709 00 Ostrava - Mariánské Hory, Czech Republic

declares that this product / erklárt hiermit, dass das Produkt / déclare que ce produit / declara que este producto / dichiara che il seguente prodotto / tímto prohlašuje, že výrobek / týmto prehlasuje, že výrobok / deklaruje, že produkt / šiuo pareiškia, kad gaminys / verklaart hierbij dat het product / försäkrar att denna produkt / declara que este produto

Product, Bezeichnung, Le prénom, Producto, Prodotto, Název, Názov, Nazwa, Gaminys, Naam, Produkt, Produto: i-tec Thunderbolt 4 Dual Display Docking Station Intelligent Series + Power Delivery 90W

Model, Modell, Modèle, Modelo, Model, Model, Modelis, Model, Modell, Modelo: TB4INTDUAL4KDOCPD

Determination, Bestimmung, La détermination, Determinación, Determinazione, Určení, Určenie, Opcje, Ustatymas, Doel, Fastställande, Determinação:

Product is intended for use as an accessory for PCs. / Das Produkt ist für die Verwendung als Zubehör für PCs bestimmt. / Le produit est destiné à être utilisé comme accessoire pour les PC. / El producto está destinado a utilizarse como accesorio para PC. / * Il prodotto è destinato all'uso come accessorio per PC. / Výrobek je určen k použití jako příslušenství k PC. / Výrobok je určený na použitie ako príslušenstvo pre PC. / Produkt jest przeznaczony do użytku jako akcesorium do komputerów PC. / Produktas skirtas naudoti kaip asmeninių kompiuterių priedas. / Product is bedoeld voor gebruik als accessoire voor pc's. / Produkten är avsedd för användning som PC-tillbehör. / O produto destina-se a ser utilizado como acessório para PCs.

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

Wir erklären in alleiniger Verantwortung, dass das oben genannte Produkt mit den folgenden Richtlinien der Europäischen Union übereinstimmt:

Nous déclarons sous notre seule responsabilité que le produit susmentionné est conforme aux directives suivantes de l'Union européenne:

Nosotros declaramos bajo nuestra exclusiva responsabilidad que el producto arriba mencionado es conforme con las siguientes directivas de la Unión Europea:

Noi dichiariamo sotto la nostra esclusiva responsabilità che il prodotto sopra indicato è conforme alle seguenti direttive dell'Unione Europea: Noi dichiariamo sotto la nostra esclusiva responsabilità che il prodotto sopra indicato è conforme alle seguenti direttive dell'Unione Europea:

Prohlasujeme na vlastnú zodpovednosť, že vyššie uvedený výrobek je v súlade s následujícím směrnici Evropské unie:

Vyhlasujeme na vlastnú zodpovednosť, že vyššie uvedený výrobok je v súlade s týmito smernicami Európskej únie:

My deklarujemy na naszą wyłączną odpowiedzialność, że wyżej wymieniony produkt jest zgodny z następującymi dyrektywami Unii Europejskiej:

Mes išimtinai savo atsakomybę pareiškiame, kad pirmiau nurodytas gaminys atitinka šias Europos Sąjungos direktyvas:

Wij verklaren op eigen verantwoordelijkheid dat het bovengenoemde product in overeenstemming is met de volgende richtlijnen van de Europese Unie:

Declaramos sob a nossa exclusiva responsabilidade que o produto acima mencionado está em conformidade com as seguintes directivas da União Europeia:

EC Directive 2014/30/EU, 2014/35/EU, 2009/125/ES and 2011/65/EU

EMS (For EMC, Für EMC, Pour la CEM, Para EMC, Per la compatibilità elettromagnetica, Pro EMC, Pre EMC, Dla Kompatybilności elektromagnetycznej, Skirtas EMC, Voor EMC, För EMC, Para EMC):

EN 55032:2015/A11:2020; EN IEC 61000-3-2:2019; EN 61000-3-3:2013

EN 55035:2017/A11:2020

RoHS:

2011/65/EU; EU 2015/863

and it is safety under conditions of standard application / und ist sicher bei standardmäßiger Nutzung / et c'est la sécurité dans des conditions d'application standard / y es seguridad bajo condiciones de aplicación estándar / ed è sicuro in condizioni d'uso normali / a je bezpečný za podmínek obvyklého použití / a je bezpečný za podmienok obvyklého použitia / oraz jest produktem bezpiecznym przy standardowym wykorzystywaniu / ir naudojant įprastomis sąlygomis yra saugus / en is veilig onder de omstandigheden van normaal gebruik / och det är säkerhet under förhållanden med standardtillämpning. / e é a segurança em condições de aplicação normal.

Signed for and on behalf of: / Unterzeichnet für und im Namen von: / Signé pour et au nom de: / Firmado por y en nombre de: / Firmato in nome e per conto di: / Podepsáno za a jménem: / Podpisané za a v mene: / Podpisano w imieniu i na rzecz: / Pasirašyta už ir vardu: / Ondertekend voor en namens: / Undertecknat för och på uppdrag av: / Assinado por e em nome de:



Ostrava 01. 05. 2024

Ing. Lumír Kraina

Executive Name and Signature, Geschäftsführer, Exécutif et signature, Nombre y firma del gerente, Amministratore, Jednatel, Konatel, Nazwisko osoby upowaznionej, Vadovas, Zaakvoerder, Chefens namn och underskrift, Nome e assinatura do executivo



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