

Type-C 5-in-1 Hub with QI2 Wireless Charging

User Manual



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DEAR CUSTOMER

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or using this product. Please keep this manual for future reference.

1.0 INTRODUCTION

This is a 5-in-1 hub with Wireless Charging, which offers an integrated solution for video, data, and power. This hub adopts DP1.4 Alt mode supported IC, enabling to output HDMI video with max 4096(3840)x2160@60Hz. 3 USB data ports (1 Type-C 5G, 2 USB-A 5G) allow you to connect 3 USB devices simultaneously. Besides, this hub supports PD 3.0 with max input of 100W for PD Charging, and supports QI2 wireless charging.

2.0 FEATURES

- Support DP1.4 Alt mode
- Support HDMI max 4096(3840)x2160@60Hz
- Support High Dynamic Range(HDR)
- Support HDCP2.3, HDCP2.2, and HDCP1.4
- 2 USB-A and 1 Type-C data ports all support max 5Gbps data transmission
- Support 15W/10W/7.5W/5W **QI2 Wireless charging**
- Type-C PD Charging port supports PD3.0 with max 100W and **smart power**
- Support **smart power** which allows to distribute power according to actual consumption of the connected devices, making full use of supplied power, max 90W PD charging for host
- It is light, smart and convenient to use
- Its size is 80mm*80mm*35 mm

3.0 SPECIFICATIONS

Input/Output Connector	
Input	Type-C Male x1
Output	HDMI x1(4096(3840)x2160@60Hz)

	Type-C Datax1(5G) USB-A x2(5G) Qi 2 Wireless Charger x1 Type-C PD Charging x1
Type-C Malex1(Connect to host)	
➤ Support DP1.4 Alt mode ➤ Support reversible connection	
HDMIx1	
➤ Support HDMI max 4096(3840)x2160@60Hz ➤ Support multiple color formats: RGB; YCbCr4:4:4; YCbCr4:2:2; YCbCr4:2:0 ➤ Support 8/10/12bit color depth output ➤ Support High Dynamic Range (HDR) ➤ Support HDCP2.3 HDCP2.2, and HDCP1.4	
Type-C Datax1(Close to USB-A)	
➤ Support max 5Gbps data transmission ➤ Support max 7.5W(5V/1.5A) downstream charging. ➤ Support short-circuit, over-current protection	
USB-Ax2	
➤ Support max 5Gbps data transmission per port ➤ Support max 900mA downstream charging per port. ➤ Support short-circuit, over-current protection	
QI2 Wireless Charging	
➤ Transmitting terminal output: 15W/10W/7.5W/5W ➤ It is light, smart and convenient to use ➤ Compatibility: iPhone 12 series, iPhone 13 series, iPhone 14 series, iPhone 15 series, iPhone 16 series, HMD Skyline and other mobile phones compatible with Qi protocol	
Type-C PD Chargingx1	
➤ Support max 100W PD charging ➤ Support smart power which allows to distribute power according to actual consumption of the connected devices, making full use of supplied power, max 90W PD charging for host	
Note:	

(1) When not connected to PD charging, wireless charging can work by connecting the product to a computer that supports 5V/3A, and the max output power of wireless charging is 7.5W.

(2) When only connected to the PD power supply, the PD power supply must be greater than or equal to 20W for wireless charging to work

(3) The input PD power is preferentially allocated to wireless charging and USB devices. When the input PD power is too low, it cannot be charged and there is even a risk of triggering the PD power overcurrent protection.

Physical	
Weight	210g
Size(L*W*H)	80*80*35(mm)
Qi 2 wireless Magnetic Force	7.6 ~ 12N
Wireless Charging Frequency	111-205kHz / 360kHz
Warranty	
Limited Warranty	1 Year
Environmental	
Operating Temperature	0℃ to +45℃
Operating Humidity	10% to 90 % RH (no condensation)
Storage Temperature	-10℃ to +70℃
Storage Humidity	10% to 90 % RH (no condensation)
Power Supply	
Power Supply	Type-C PD Charging/ USB BUS Power
Regulatory Approvals	
Certifications	CE-RED、FCC ID、IC ID
Accessory	
User Manual	English Version

4.0 PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- Main unit x1
- User Manual x1

5.0 OPERATION

- 1) Connect the Type-C Male port to PC
- 2) Connect keyboard/ mouse/printer/scanner/U-disk to the USB ports of the unit; Connect a display to HDMI port of the unit with an HDMI cable

- 3) Put your device (which supports wireless charging) on the wireless charger for up to 15W wireless charging (Please take out the device after it is fully charged)
- 4) Connect PD Adapter to Type-C PD charging port to charge for the product and hosts, Support smart power which allows to distribute power according to actual consumption of the connected devices, making full use of supplied power, max 90W PD charging for host

6.0 CONNECTION DIAGRAM

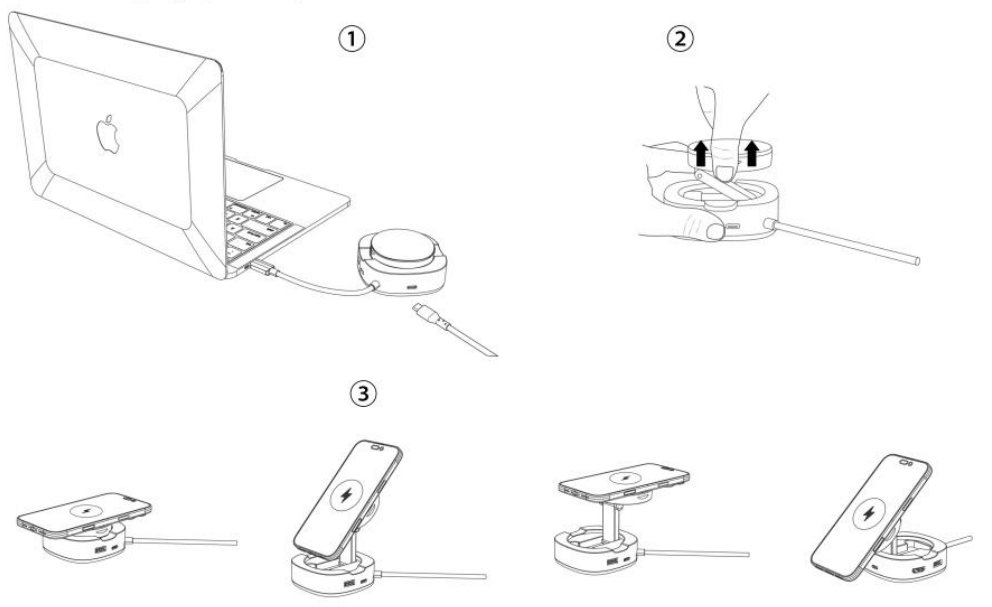


Using different angles of this product to charge the phone:



The max angle of adaptation varies depending on the size of the phone.
Using the latest iPhone 16 pro max to test, the max adaptation angle is close to 60°.

Wireless charging operation process:



When connected to a 100W PD power supply, the PD power supply dynamically adjusts the charging power to the computer based on the USB-C data port and wireless charging situation, with a charging power range of 68W~90W. The allocation principle is as follows:

Combination	Hub+2 USB-A port	USB-C data port	wireless charging	Max charging power for the host
1	10W ^①	/	/	90W
2	10W	7W ^②	/	83W
3	10W	/	8W ^③ /15W ^④	82W/75W
4	10W	7W	8W/15W	75W/68W

①As long as the PD power supply or host is connected, the product pre-deduct 10W for hub and 2 USB-A ports.

②As long as the USB-C data port is connected to the device, the product will fixed deduct 7W for this port.

③Deduct 8W from PD power supply when negotiating 5W or 7.5W for wireless charging.

④Deduct 15W from PD power supply when negotiating 10W or 15W for wireless charging.

CE

The product shall only be connected to a USB interface of version USB2.0 and that the connection to a power USB is allowed.

This product is intended for sale and application in a business environment.

RED Article 10 2

-This product can be used across EU member states

RED Article 10 10

-The product is class 1 product, No restrictions

The RF distance between body and product is 20cm

Technical Characteristics	
WPT	
Frequency Range:	111-205kHz / 360kHz
Radiated H-Field:	14.08dBuA/m(@3m)
EN 300330	
Frequency Range:	111-205kHz / 360kHz
Radiated H-Field:	14.20dBuA/m(@3m)

RF exposure statement

This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for 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. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

KDB 784748 Annex A section A.5:

(a) Max. Electric Field Emissions: 5.36V/m

Max. Magnetic Field Emissions: 0.41A/m

(b) The maintenance of the system is the responsibility of the manufacturer.

(c) To prevent interference, the product should be as far away from devices operating at the same frequency as possible.

RF exposure statement

This equipment meets the exemption from the routine evaluation limits in section 4.5 of RSS-102. It should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

Cet équipement est conforme à l'exemption des limites d'évaluation habituelle de la section 4.5 de la norme RSS-102. Il doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et toute partie de votre corps.

IC WARNING

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage;

2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.