UM-D1051A
D1051A说明书 128g双铜 单黑双面印刷
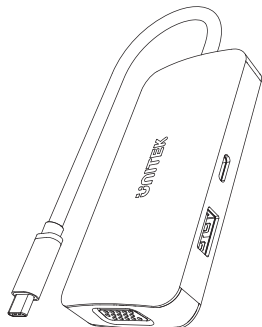280*100mm 风琴折 折后70x100mm 英文朝外

uHUB P5 Trio
USB-C Hub for Triple Display With MST Function,
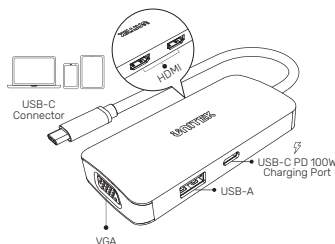PD 100W & USB Expansion

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User Manual

This manual provides an introduction and details of this USB-C Multi-Port Hub. However, the information in this document is subject to change from time to time without notice, no guarantee can be given to the correctness of its contents, and makes no representations of product warranty.

Product Overview

This hub allows you to expand to and connect with the maximum of three display devices like monitors and television, and streaming the different signals across each device under the Multi-Stream Transport function (MST). Plus it is able to connect with various appliances like flash drives, USB printer and scanners, USB gadgets to your USB-C devices through the USB port expansion. With 100W USB Power Delivery, this hub not just take care of the downstream appliances but also the upstream device, to provide sufficient and stable charging.

Features

- With USB3.1 Gen1 specification, the data transfer rate of USB-A port is up to 5Gbps. Backward compatible with USB2.0/1.1.
- With the USB-C Power Delivery (USB PD) port, supporting maximum 100W/20V5A charging to your upstream computer including MacBook Pro 2019. USB PD power actual output depends on your power adapter.
- Support HDMI with Ultra-HD (UHD) 4K@30Hz, and VGA with Full HD 1080p@60Hz.
- Support Multi-Stream Transport (MST), to display the video signal from your PC to the other maximum three monitors .

- Windows OS is able to turn on the Screen Mirroring and Extend (up to extra two desktop) on the external monitors. MacOS does not support MST, a single extra desktop can be displayed on the external monitor, up to three devices.
- USB-C connector allows you to connect with USB-C equipped computer, tablet and smartphone, which equipped with Thunderbolt 3 port or USB-C port that supports data transfer function and DisplayPort Alt Mode (DP Alt Mode).
- With aluminium housing, durable and elegant.
- Plug and play, no driver required.

FAQ

1.) Why the charging time by PD hub is vary each time?
a. The upstream device (e.g. laptop) will auto-adjust the power input based on the battery level.
b. The number of peripheral devices will affect the charging rate. It is recommended to unplug some of the devices when the battery level is low.

2.) Why it can't reach the data transfer speed of USB3.1 Gen1?
This product passed rigorous testing. Under normal situations, it can read and write with the speed of USB3.1 Gen1 (5Gbps). Please make sure your host (computer) supports USB3.1 Gen1 specification. Otherwise, there will be a corresponding speed of either USB2.0 or USB1.1 only.

3.) Why my USB devices can't be recognized by the product?
It is recommended to plug in the power supply when using high power-consuming devices or plug in the USB-C PD to ensure there is enough power.

4.) Why my television / monitor can't support 4K @30Hz resolution?
Please make sure your device, display, and cable are able to support 4K @30Hz high definition.
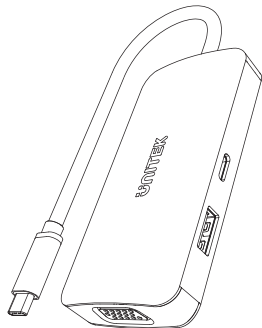
Note

1. Do not disassemble this hub or expose it to humidity or high-temperature environments as direct sunlight.
2. Improper using, disassembling, or any other operation that does not follow this instruction will result in damage to your devices or this hub. We will not abide by any compensation or maintenance responsibility under this circumstance.
3. When you transfer data from other USB devices, you would better not unplug the adapter until the data transfer is completed, otherwise the transmission will be interrupted for a few seconds. Please eject your adapter or the devices connecting to this adapter properly before unplug.

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uHUB P5 Trio
USB-C Hub for Triple Display With MST Function,
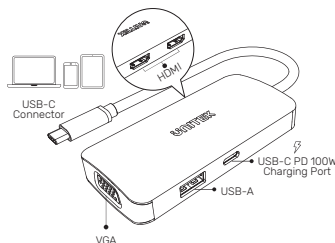PD 100W & USB Expansion

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用戶手冊

本手冊提供「uHUB P5 Trio (USB-C Hub for Triple Display With MST Function, PD 100W & USB Expansion)」（「此產品」）之介紹及功能說明。請留意，產品資料有可能會隨著時間而有所更改，與本手冊中的內容或會有所出入，恕不另行通知，並且不構成產品保用的保證事項。

產品簡介

此產品使你可以擴展到最多三個顯示設備連接(比如顯示器、電視)，並在Multi-Stream Transport 功能 (MST) 下，讓每個設備各自獨立擴展。此外，它還可以通過USB端口擴展將各種設備，例如隨身碟、USB打印機和掃描器、USB小裝置等，到你的USB-C電腦設備。借助100W USB Power Delivery，此產品不僅照顧連接上的下行設備，還可以照顧上行電腦，以提供充足且穩定的充電。

產品功能

- USB-A端口符合USB3.1 Gen1規範，數據傳輸速率高達5Gbps。向下兼容，具有USB-C Power Delivery (USB PD) 端口，支持對包括MacBook Pro 2019在內的上行設備，最大100W / 20V5A 供電。USB PD電源的實際輸出取決於您的電源轉換器。
- 支持HDCP2.2規格的4K@30Hz 的 HDMI 2.0超清視頻輸出，以及全高清1080p@60Hz 的VGA輸出。
- 支援Multi-Stream Transport (MST)功能，延展電腦桌面至外置最多三個螢幕顯示器，此時解像度最高為1080P。

- Windows作業系統能夠以屏幕鏡像或延伸模式(最多延伸兩個額外桌面)，連接至外置螢幕顯示器。而MacOS作業系統不支援MST功能，只支援顯示額外一個桌面至外置螢幕顯示器，最多三個裝置。
- USB-C接口可讓您連接配備USB-C並支援USB數據傳輸功能，以及Thunderbolt 3 端口或DisplayPort Alt Mode (DP Alt Mode) 的電腦、平板電腦和智能手機。
- 鋁製外殼，時尚耐用。
- 即插即用，無需驅動程序。

常見問題解答

1.) 為什麼PD 充電時比較慢或充電功率較少？
答：a. 上行的設備會根據電量的多少會自動調整充電功率，以實現最佳的充電效果。
b. 下行的設備的負載功率及數量，也會影響充電的速度，建議在電量較低時，減少下行大功率的外設裝置連接數量。

2.) 為什麼USB 3.1 Gen1 接口讀寫數據時速度慢？
答：請您確認一下端口所接的設備是否支援USB3.1 Gen1，數據傳輸速度是否可以達到版本標準。否則，產品可能只能夠使用到USB2.0或1.1的規格。

3.) 為什麼接入USB設備示能識別，或使用過程中掉線？
答：可能是由於您的USB設備功率過大而USB接口供電不足造成的，建議在使用該類型產品時接上電源適配器，或者為本產品連接USB-C PD電源，確保供電充足。

4.) 為什麼我的電視或顯示器達不到4K @30Hz高清分辨率？
答：請確認上行輸出設備、HDMI連接線、顯示設備等是否均能夠支持4K @30Hz高清分辨率。

注意事項

1. 避免在陽光直射、極高溫、雨水或潮濕的環境下使用此產品，無論時間長短。
2. 任何不當操作、拆開或改裝、未有按照本手冊的指示使用此產品，均有機會導致此產品或你的裝置損毀或故障。在此情況下，本公司將不會就此承擔任何責任或賠償。
3. 使用此產品與USB裝置正進行數據傳輸時，請盡量減少或避免熱插拔，直至數據傳輸完成。我們建議你在執行「安全移除硬件」後，才正確地拔出此產品或連接此產品的裝置。