



**Powerology**

**4-IN-1  
USB-C MULTI-FUNCTION HUB**

SKU: PWFX2508AGY

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## Product Overview

The Powerology 4-in-1 USB-C Multi-Function Hub offers a powerful solution for expanding your device's capabilities. This compact hub supports seamless 4K display output with 100W fast charging, ensuring a high-performance connection for both work and entertainment. With USB 3.0 SuperSpeed offering a transfer rate of 5Gbps and easy plug-and-play functionality, it provides hassle-free setup for users. Designed with universal compatibility, this hub works with various devices, including Windows, macOS, and Android, and includes an HDMI port, multiple USB ports, and efficient power delivery for optimal device performance. Ideal for enhancing your productivity and multimedia experience, this hub ensures that you can connect and charge multiple devices simultaneously without compromising on speed or quality.

## Specifications

Model	PWFX2508A
Host Connector	USB-C
Output Ports (4)	2 x HDMI; 1 x USB-A 5Gbps; 1 x USB-C PD
Video (Single Display)	Up to 4K UHD (3840×2160) @ 60Hz

Video (Dual Displays)	Up to 4K@60Hz + 1080p@60Hz or 2 x 1080p@60Hz
Legacy Resolutions	1080p / 720p/ 480p
USB Data	USB 3.2 Gen 1 (5Gbps) on USB-A; backward-compatible with USB 2.0/1.1
Power Delivery	USB-C PD 3.0, input up to 100W (20V/5A)
Power to Host	Up to ~85-90W
Material / Finish	Aluminum-Alloy Shell
Compatibility	Windows 10/11; MacOS 10.10+; Android 6.0+ with USB-C DP Alt Mode
Storage Temperature	-10°C to 70°C

## Product Features

### **a.** Seamless 4K Display Output

The hub supports 4K resolution at 60Hz, ensuring smooth and crisp visuals for presentations, entertainment, and work applications. Whether you're streaming videos or extending your workspace, it delivers high-definition clarity without lag or distortion.

### **b.** 100W Fast Charging (PD)

With Power Delivery (PD) support, this hub can deliver up to 100W of fast charging to compatible devices, reducing charging time

significantly. Ideal for laptops, tablets, or smartphones, this feature ensures your devices are powered up quickly and efficiently while you work.

**c. 5Gbps USB 3.0 SuperSpeed Data Transfer**

The USB 3.0 SuperSpeed port enables fast data transfer rates of up to 5Gbps, making it easy to quickly transfer large files between devices, such as external hard drives, USB flash drives, and other peripherals.

**d. Universal Compatibility**

The hub works with a wide range of devices, including Windows and Mac computers, Android devices, and other USB-C compatible gadgets. This flexibility makes it a versatile accessory for various users and ensures easy connectivity with multiple devices.

**e. Plug & Play Convenience**

No installation or additional software is required to use this hub. Simply plug it into your device, and you're ready to go. This hassle-free setup makes it easy for users to add multiple functions without complicated configurations.

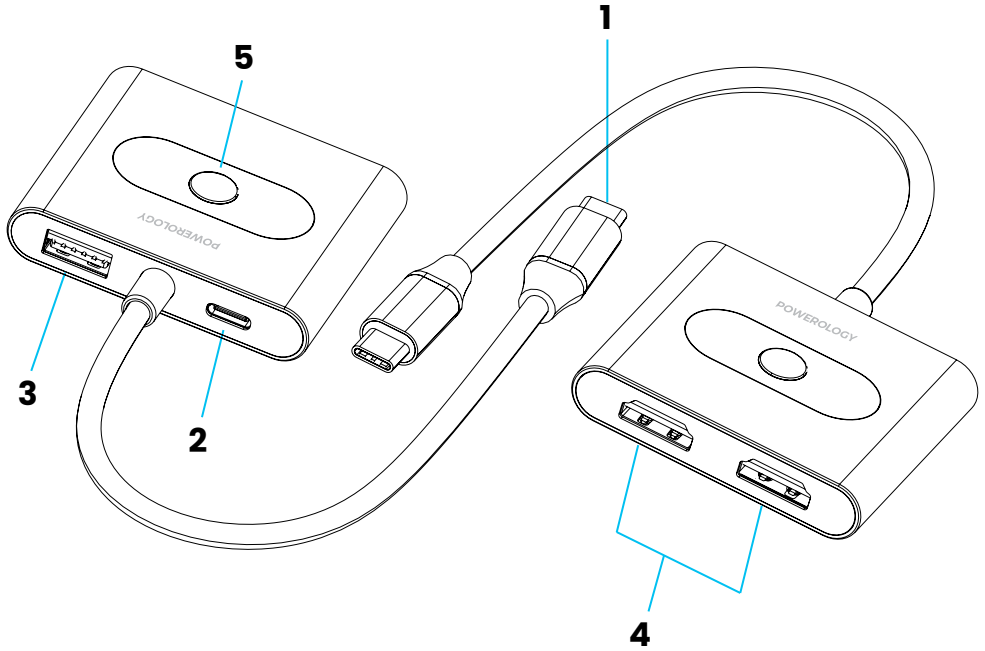
**f. Compact and Portable Design**

The sleek and compact design of the hub makes it highly portable, fitting easily into your bag or pocket. Whether you're on the go or at a workstation, it provides a convenient solution for extending the capabilities of your devices without taking up much space.

**g. HDMI Port for External Displays**

The built-in HDMI port allows you to connect your device to an external display, such as a TV, monitor, or projector, and enjoy a larger viewing area with support for 4K resolution at 60Hz. Perfect for business presentations or home entertainment setups.

## Schematic View



**1.** USB-C Input Connector

**2.** USB-C PD

**3.** USB 3.0

**4.** HDMI

**5.** HDMI Button Control

## System Requirements

Available USB-C Port

Android 9.1/7.0/6.01, Windows 10/8, MacOS X10, 10.0 or higher

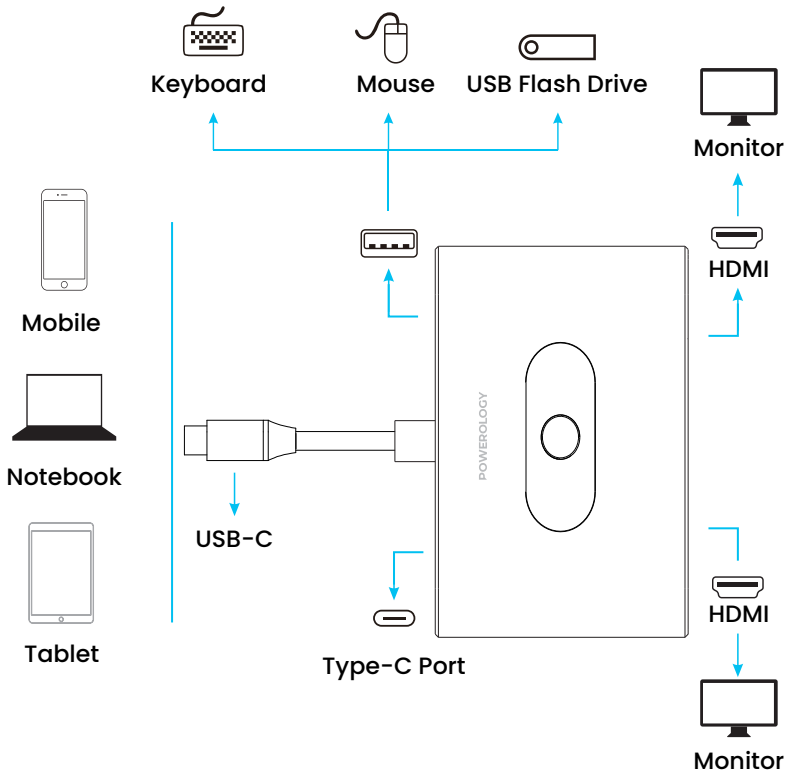
# Usage Guide

## 1. Connecting the USB-C Hub

Plug the USB-C cable into the USB-C port of your device. Ensure that your computer supports the PD+ video, audio, and data transfer function through the USB-C interface for full functionality.

## 2. HD Output Function

To connect the hub to an HDTV or projector, use an HDMI cable to link the hub to the display device. This allows you to watch video from your USB-C laptop on a larger screen, such as a TV or any other display devices.



## Safety Precautions

### **a.** USB-A Port Limits

The USB 3.0 USB-A port on the hub supports a maximum 5V 900mAh total charge output, and is backward compatible with USB 2.0. The USB 2.0 USB-A port supports a maximum 5V 500mAh charge output, with a maximum data speed of 480Mbps. It is backward compatible with USB 1.1/1.0.

### **b.** Stable Connection

For a stable connection, avoid using this hub with high-power devices. The hub supports up to one hard drive.

### **c.** PD Function Compatibility

To use the Power Delivery (PD) function, the device's host USB-C port must support USB-C Power Delivery. The hub outputs up to 100W charging, but does not support data transfer.

### **d.** USB-C Compatibility

If the laptop's USB-C port only supports display signals (DisplayPort Alt Mode) and does not support USB-C Power Delivery, the hub will only transfer data and will not power your laptop.

### **e.** 4K Display Requirements

The hub supports 4K HD display with a 4K HDMI cable and can achieve resolutions of 3840x2160P/30Hz and 1080P at various frame rates (e.g., 1080P/23.98/24/50/59.94/60Hz).

### **f.** Peripheral Compatibility

For optimal use, it is recommended to connect the keyboard and mouse to a USB 2.0 port to ensure smoother performance.

### **g.** Operating Conditions

The operating humidity should be between 10% and 85% relative humidity (non-condensing).

#### **h.** Storage Conditions

Store the hub at temperatures between -10°C and 70°C.

#### **J.** Storage Humidity

The storage humidity should be between 5% and 90% relative humidity (non-condensing).

**K.** Help reduce the interference of USB 3.0 radios on some laptop wireless connections in one of the following ways:

**Option 1:** Connect your computer to a 5GHz Wi-Fi network.

**Option 2:** Use a high-quality shielded USB 3.0 device/cable/connector.

## **Disposal**

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.



## **Warranty**

Products that you buy directly from our **Powerology** website or shop come with a 24-month warranty.

The 24-month warranty applies to products purchased directly from our **Powerology** website or store. If **Powerology** products are bought from any of our verified retailers, then the product is eligible for only a 12-month warranty. To extend your product's warranty, visit our website <https://www.powerology.me/warranty> and fill in your details in the provided form along with an uploaded picture of the product to process your request. Once approved, you will receive a confirmation email of the extended product warranty. Upload the required information within 48 hours of purchase to be eligible for a 24-month warranty period.

For more info, please check:

<https://www.powerology.me/warranty>

## **Contact Us**

If you have any questions about this Privacy Policy, please contact us at: [hey@powerology.me](mailto:hey@powerology.me)

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