DIGITALINX
BY LIBERTY AV SOLUTIONS

Advanced 8-in-1 USB-C Multi-Port Hub

8N1USB-HUB

Product Overview

This Liberty AV 8N1USB-HUB USB-C to HDMI hub allows you to connect an external HDMI display to mirror your laptop's display, or expand your system's desktop area, with support for resolutions up to 4K@30Hz. It also features a Gigabit Ethernet port, a USB-C PD port, three USB 3.0 Type-A data ports, and SD and TF card slots for advanced data transfer capabilities all from a single cable. The built-in Gigabit Ethernet adapter allows you to enjoy the superior security and increased speeds of a wired Ethernet connection.

USB 3.0 connectivity allows you to charge and sync mobile devices or use external drives and provides data transfer speeds up to 5 Gbps through the USB Type-A ports. The USB-C port supports the Power Delivery (PD) 3.0 standard, delivering up to 100 watts of power to compatible devices. The PD 3.0 standard also ensures that connected devices won't reset or disconnect when power is applied to or removed from the USB-C port. The lightweight and premium aluminum design results in a better built adapter, making it more durable than adapters made of plastic.

Interact with up to three USB devices simultaneously while transfering data and powering devices like web cameras, capture cards, tablets, thumb drives, smart boards, microphones, and other USB peripherals with ease. The multiport USB hub can fully support data transfer rates from SuperSpeed, Hi-Speed, and Full-Speed USB connections and is fully backward compatible to all USB 2.0 and USB 1.1 hosts.

Featuring a low-profile design, the Liberty AV powered hub can be mounted in various locations, such as conference tables, work stations, and home office enviroments. No drivers or downloads are required for installation; although, connected USB peripherals may require a driver.

All USB 3.0 Ports are compatible with USB 2.0 devices—just remember the device will perform only at a USB 2.0 speed.
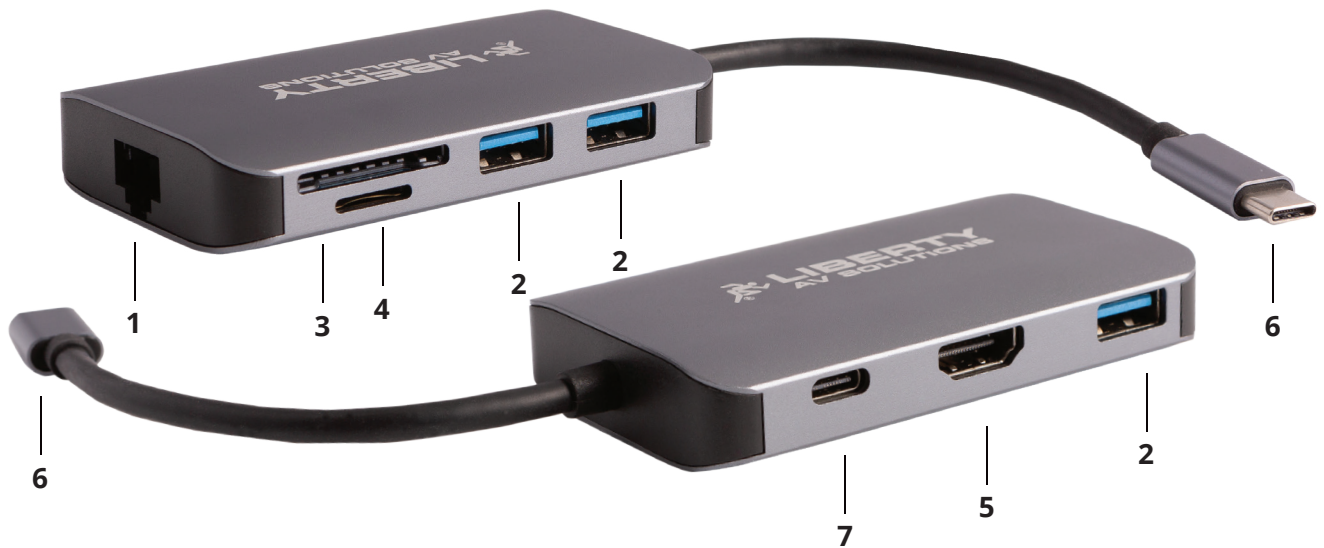
Package Contents

(x1) Quick
Start Guide

(x1) USB
3.0 Hub

Product Breakdown

1. RJ45 for Gigbit Pass-thru
2. USB 3.0 Type A Female Port
3. TF Card Slot
4. SD Card Slot
5. HDMI Female Port
6. USB-C Male Port
7. USB-C PD (power delivery) Port

Setting Up Your Device

• Requirement: A Host with one available USB 3.0 port (compatible to any host OS of Windows/Android/ios).

• Plug the USB Type C end port of the hub into your computer.

• The Operating System on your computer will detect the Liberty AV USB powered hub.

• Connect USB periphials into one of the USB ports on the Liberty AV USB multiport hub.

• Make other connections as necessary: HDMI, Ethernet, Power Supply, or SD Cards

Maintenance and Troubleshooting

Maintenance

• If the USB hub is not in long-term use, please reseat the power adapter.

• When cleaning the USB hub, disconnect all connections, including power. Please use a dry, soft cloth to wipe. If the dirt is serious, use a neutral cleaner gently. Do not use strong or corrosive detergent.

Avoid

• Low-cost, uncertified USB cables.

• Spilling liquid on the USB hub.

Troubleshooting

• Computer software doesn't detect the connected USB periphials when connected to the hub:

    Step 1: Make sure that any other applications that are using the said periphial(s) are fully closed.

    Step 2: Within the software of your choice, make sure you have selected the device under "audio & video settings."

    Step 3: Make sure the USB drivers on your computer are up to date.

• Computer hardware doesn't detect the USB Hub:

    Step 1: Reconnect the hub's USB cable to your computer.

    Step 2: Restart your computer.

Technical Specifications

USB Hub	
Case Material	Aluminum alloy chassis with TPE thermoplastic elastomer cable
Supported USB Transfer Rates	Transfer rate of 5Gbps/1.5 Mbps/12 Mbps/480 Mbps
USB Compliance	Gen USB 3.1 while being fully backward compatible for USB 3.0/ USB 2.0/ USB 1.1
Features	
Operating System	Windows®7 (1080p and under only), Windows 8.1, Windows 10 or higher macOS™ 10.10 or higher Google™ Chromebook™ Version 29.0.1547.70 or higher Linux
USB PD Charging Port	Up to 100 watts of power delivery, intended ONLY for a laptop, mobile, and tablet charging
USB Charging Protocol	Supports USB-IF Rev 1.2 and BC 1.2
USB Communication Protocol	UVC 1.1
Input/Output Interface	
Interface	USB-C 3.1 Gen.1 male connection with 1x RJ45 female, 1x HDMI female, 3x USB-A 3.0 female, 1x USB-C female PD charging port, 1x SD/TF slot
Support on Upstream Port	SuperSpeed (SS), HighSpeed (HS) and FullSpeed (FS) traffic. Note: Transfer rates are device and USB host controller dependent
Support on Downstream Ports	SuperSpeed (SS), HighSpeed (HS), FullSpeed (FS) and LowSpeed (LS) traffic
Video Resolution	Supports a full range of resolutions up to 4K UHD 3840x2160 @ 30Hz, 2k, 1080p, 720p, 480p
Ethernet	Pass up to 1 GB of Ethernet speed
SD/TF Card Slot	Supported memory card capacity, up to 512GB with read/write speeds up to 480Mbps
Physical Parameter	
USB Port Max Power Output	5V/1.3A per USB port, up to 15' from device
Dimension (LxWxH)	87mm(L) x 53mm(W) x 15.8mm(H)
Net Weight	65g
Certification	CE, FCC, RoHS

Thank you for your purchase.

For Technical Support please call our
toll-free number at 800-530-8998
or email us at supportlibav@libav.com

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