

## Strex SP249

# Strex 8-in-1 USB C Hub User Manual

Model: SP249

## INTRODUCTION

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The Strex 8-in-1 USB C Hub is a versatile docking station designed to expand the connectivity of your USB-C enabled laptop, MacBook, or other compatible devices. This hub provides multiple input ports, including HDMI for 4K video output, USB-A for data transfer, USB-C for power delivery and data, Ethernet for stable network connection, and card readers for SD and Micro SD cards. This manual will guide you through the setup, operation, and maintenance of your device to ensure optimal performance.





# IN DE DOOS



## ● USB C Hub



## ● Verpakking



## ● Handleiding

**Figure 2:** The items included in the product package: the Strex USB C Hub, its retail packaging, and the instruction manual.

## PRODUCT FEATURES AND PORT OVERVIEW

The Strex 8-in-1 USB C Hub offers a comprehensive set of ports to enhance your device's capabilities. Below is an overview of the available connections:

- **2x USB-A 3.0 Ports:** For high-speed data transfer up to 5 Gigabits per second (Gbps) and connecting peripherals like keyboards, mice, or USB flash drives.
- **1x HDMI Port:** Supports 4K video output at 30Hz (3840x2160) or Full HD 1080P at 60Hz for connecting to external monitors, TVs, or projectors.
- **1x Ethernet (RJ45) Port:** Provides a stable wired network connection with speeds up to 100 Megabits per second (Mbps) output (supports 1000 Mbps input).
- **1x USB-C Data Port:** For connecting USB-C peripherals and data transfer.
- **1x USB-C Power Delivery (PD) Port:** Supports fast charging for your host device with up to 100W power input.
- **1x SD Card Slot:** For reading standard SD, SDHC, SDXC cards, with data transfer speeds up to 104 Mbps.

- **1x Micro SD Card Slot:** For reading Micro SD, Micro SDHC, Micro SDXC cards, with data transfer speeds up to 104 Mbps.



**Figure 3:** A visual representation of the Strex 8-in-1 USB C Hub's various ports and their intended uses, including USB-C for data and power, HDMI, USB-A, SD, Micro SD, and Ethernet.

## SETUP INSTRUCTIONS

The Strex 8-in-1 USB C Hub features a plug-and-play design, requiring no driver installation for most operating systems. Follow these steps to set up your hub:

1. **Connect the Hub to Your Device:** Plug the USB-C connector cable of the Strex hub into an available USB-C port on your laptop, MacBook, or compatible device.
2. **Connect Peripherals:**
  - For external displays, connect an HDMI cable from your monitor to the hub's HDMI port.
  - For wired internet, connect an Ethernet cable to the RJ45 port.

- For data transfer or connecting USB devices, use the USB-A 3.0 ports or the USB-C data port.
- To charge your host device, connect a USB-C power adapter to the hub's USB-C Power Delivery (PD) port.
- Insert SD or Micro SD cards into their respective slots for data access.

3. **Compatibility Note for Windows Laptops:** For video output via the HDMI port, your Windows laptop's USB-C port must support "DisplayPort Alternate Mode" (DP Alt Mode). Consult your laptop's specifications or manufacturer if you are unsure.



# UNIVERSEEL

## GESCHIKT VOOR NAGENOEG ALLE APPARATEN



MACBOOK PRO



MACBOOK AIR



IPAD PRO



XPS



SPECTRE

EN MEER

## ONDERSTEUNDE SYSTEMEN

WINDOWS

MAC OS

CHROME OS

IPAD OS

**Figure 4:** The Strex USB C Hub demonstrating its broad compatibility with various operating systems and devices, including Windows, macOS, Chrome OS, and iPad OS.

## OPERATING INSTRUCTIONS

### HDMI Video Output

Connect an HDMI-enabled display to the hub's HDMI port. Your device should automatically detect the external display. You can configure display settings (mirroring or extending your desktop) through your operating system's display settings.



The hub supports 4K Ultra HD (3840x2160) resolution at 30Hz and Full HD (1920x1080) at 60Hz.



**Figure 5:** The hub facilitating 4K Ultra HD video output, allowing users to mirror or extend their laptop screen to an external display.

### USB Data Transfer

Utilize the two USB-A 3.0 ports for connecting external storage devices, keyboards, mice, or other USB peripherals. These ports support data transfer speeds of up to 5 Gbps, enabling quick file transfers. The USB-C data port also allows for connecting USB-C accessories.



**Figure 6:** Demonstrating the high-speed data transfer capabilities of the USB-A 3.0 ports, reaching up to 5 Gigabits per second for efficient file management.

### Power Delivery (PD) Charging

The dedicated USB-C PD port allows you to charge your host device (laptop, tablet, etc.) while using the hub. Connect your original USB-C power adapter to this port. The hub supports up to 100W power input, providing efficient fast charging.





Figure 7: The USB-C Power Delivery port in action, providing up to 100W fast charging to a connected laptop.

### Ethernet Connection

For a stable and fast internet connection, plug an Ethernet cable into the RJ45 port. The hub supports network speeds up to 100 Mbps, ensuring reliable connectivity for streaming, gaming, or work.





# STABIEL INTERNET

## RJ45 ETHERNET AANSLUITING VOOR EEN SNELLE LAN VERBINDING

### TOT 1000 MB PER SECONDE

**Figure 8:** The RJ45 Ethernet port providing a stable and fast wired internet connection for a laptop user.

### **SD and Micro SD Card Readers**

Insert your SD or Micro SD cards into the corresponding slots to access photos, videos, and other files. Both card readers support data transfer speeds up to 104 Mbps, making it easy to manage your media.

# SD & TF KAARTLEZER



MICRO SD, MICRO SDHC,  
MICRO SDXC



SD KAART, SDHC, SDXC,  
RS MMC, MMC MICRO



**Figure 9:** The integrated SD and Micro SD card readers, allowing for convenient access and transfer of data from memory cards.

## MAINTENANCE

To ensure the longevity and optimal performance of your Strex 8-in-1 USB C Hub, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the hub. Avoid using liquid cleaners or aerosols, as they may damage the device.
- **Storage:** Store the hub in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the hub with care. Avoid dropping it or subjecting it to strong impacts. Do not bend or pull the integrated USB-C cable excessively.
- **Ventilation:** Ensure the hub has adequate ventilation during use to prevent overheating.

## TROUBLESHOOTING

If you encounter issues with your Strex 8-in-1 USB C Hub, please refer to the following common troubleshooting steps:

• **No Display Output via HDMI:**

- Ensure your laptop's USB-C port supports "DisplayPort Alternate Mode" (DP Alt Mode). This is crucial for video signal transmission.
- Check the HDMI cable connection between the hub and the monitor.
- Verify that the external monitor is set to the correct input source.
- Try restarting your computer.

• **USB Devices Not Recognized:**

- Ensure the hub is securely connected to your host device.
- Try connecting the USB device directly to your computer to confirm it functions independently.
- Disconnect and reconnect the hub.

• **Slow Ethernet Connection:**

- Check the Ethernet cable connection.
- Ensure your network router/modem is functioning correctly.
- Verify network settings on your computer.

• **Charging Issues:**

- Ensure your USB-C power adapter is connected to the hub's USB-C PD port and is functioning correctly.
- Verify that your power adapter provides sufficient wattage (up to 100W supported by the hub).

SPECIFICATIONS

Model Number	SP249
Dimensions (L x W x H)	15.2 x 3 x 1 cm
Weight	74 grams
Cable Length	18 cm
Connection Interface	USB-C
Material	Aluminum
Input Ports	2x USB-A 3.0 (Max 5 Gbps) 1x HDMI (4K@30Hz, 1080P@60Hz) 1x Ethernet RJ45 (100 Mbps output, 1000 Mbps input) 1x USB-C Data (480 Mbps) 1x USB-C Power Delivery (Max 100W input) 1x SD Card Reader (Max 104 Mbps) 1x Micro SD Card Reader (Max 104 Mbps)
Compatible Operating Systems	Windows, macOS, Linux, Android, Chrome OS, iPad OS

WARRANTY AND SUPPORT



Strex products are designed for reliability and performance. For information regarding warranty coverage, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Strex website. Please retain your proof of purchase for warranty claims.