USB3 Extender PD Dongle

Customizable enterprise-grade USB3 Extender PD Dongle

The HUV6601 employs HDBaseT USB 3.0 technology, providing a comprehensive BYOD solution with its two devices: the HUV6701 on the host side and the HUV6801 on the device side. The HUV6701 connects to a laptop via its UFP USB-C port and uses a CATx cable, up to 100 meters long, to transmit high-quality video data up to 4K resolution rapidly to the HUV6801. The HUV6801 can then seamlessly display the uncompressed video signal via a video adapter on any 4K resolution monitor. Additionally, the HUV6701 supports dual power modes: bus-power and self-power, ensuring a more dependable operating environment.



Features

- **USB Extension up to 100 m** Extend USB connectivity over a single CAT6A/CAT7 cable up to 100 meters using HDBaseT-USB3 technology.
- **5Gbps USB-C Connectivity** Connect a laptop and remote USB peripherals through USB-C ports supporting data rates up to 5Gbps.
- **Isochronous and Bulk Transfer Support** Support USB isochronous and bulk transfers for USB peripherals and multimedia applications.
- **Up to 96W Laptop Charging** The host unit accepts USB-C PD input up to 100W and provides up to 96W PD 3.0 pass-through charging to a connected laptop.
- **Flexible Power Configuration** The host unit supports bus-powered and self-powered operation. The device unit uses a 20W USB-C PD input and supports downstream charging up to 15W.
- **Up to 4K with a USB Video Adapter** AdapterSupport video output up to 4K through a compatible USB video adapter, depending on the host, adapter, and display configuration.

Specifications

Model	HUV6601
Host / Upstream	
Upstream Port (Host)	1 × USB-C 5Gbps
Host Interface	USB-C
USB	
USB Downstream	1 × USB-C 5Gbps
Power	
PD	96W
Power Supply	Host: Bus-Powered / Self-Powered; Device: Self-Powered

Power Mode	Dual-Power
Charging Input Port	Host: 1 × USB-C PD input, up to 100W; Device: 1 × USB-C PD input, 20W
Downstream Charging	15W

Extension	
Extender Type	USB Extender
Maximum Extension Distance	100m
Extension Cable	CAT6A / CAT7

Audio & Other I/O	
LINK Port	Host: 1 × HDBT-USB3; Device: 1 × HDBT-USB3
LED Indicator	Host — Power LED: Blue: Self-Powered; Orange: Bus-Powered. Link LED: Connected to the device unit. Device — Power LED: Blue: Self-Powered; Orange: DFP Linking. Link LED: Connected to the host unit.

Physical	
Dimension (L x W x H)	94.2 x 58 x 21 mm
Operating Temperature	0°C to 40°C
Housing	SECC

General	
Supported OS	Windows 10 / 11 and later; macOS; ChromeOS
Storage Temperature	-20°C to 70°C
Features	PD Charging