

Imoware HCH122-4K 18Gbps HDMI to USB-C Converter



This 18Gbps HDMI-USB-C Converter converts an HDMI input signal to a USB-C video output for a USB-C display. This allows to use the monitor with a single USB-C cable, simplifying connectivity and reducing cable clutter. The converter has HDMI loop out to splitting the signal from one HDMI input to multiple outputs.

Features

- Compliant with USB-C (DP Alt-mode)
- DP 1.2 for 5.4Gbps video bandwidth
- Compliant with HDMI 2.0, HDCP 2.2
- High resolutions up to 3840x2160@60Hz YUV 4:4:4 8 bit HDR
- HDMI loop out 4K60 4:4:4
- Dolby Audio Digital 7.1
- One USB-C cable to power the USB-C display and 4K60Hz video transmission
- $\pm 4\text{kV}$ (Contact discharge), $\pm 8\text{kV}$ (Air-gap discharge)
- Plug and Play, no software required

Specifications

Connection	
Input ports	1 x HDMI IN [Type A, 19-pin female] 1 x USB Type C Power IN
Output ports	1 x HDMI LOOP OUT [Type A, 19-pin female] 1 x USB Type C Video OUT [DP Alt-mode]
Mechanical	
Housing	Plastic Enclosure
Color	Black
Dimensions	90mm [W] x 60mm [D] x 16mm [H]
Weight	50g
Power Supply	USB 5V
Power Consumption	100W (Max)
Operating Temperature	0 - 40°C
Storage Temperature	-20 - 60°C
Relative Humidity	20 - 90% RH (no-condensing)

Application Example

