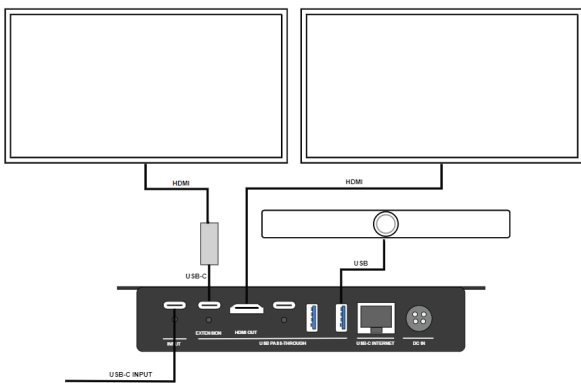


Ochno Power Conference 4 Node

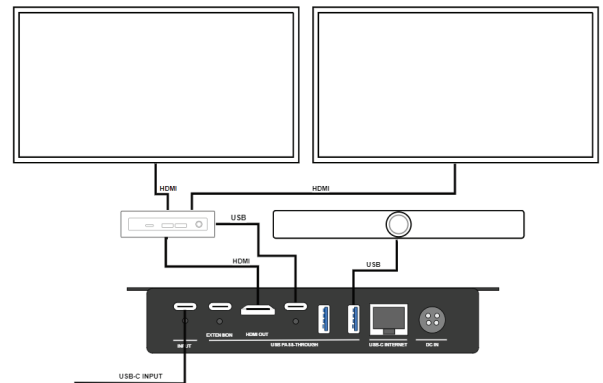
Datasheet



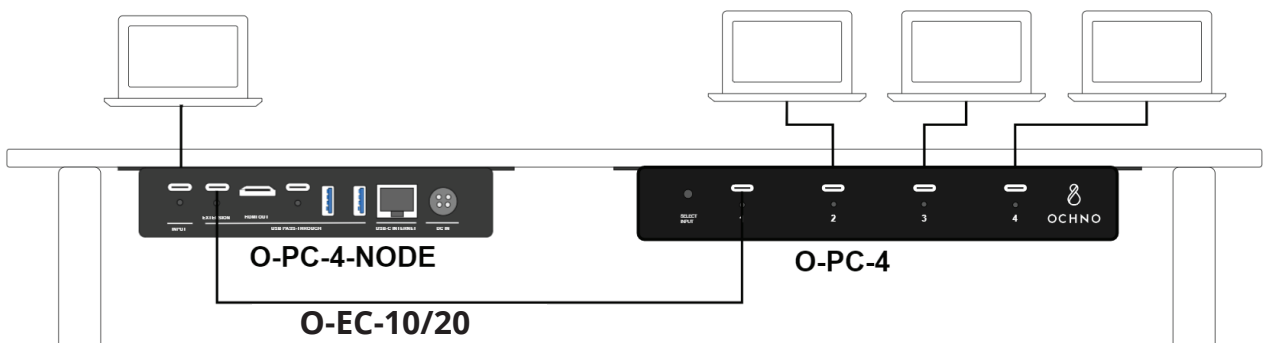
Ochno Power Conference 4 Node is an extension product in the Ochno Room Kit. With USB-C input and USB-C output it can be used for extension purposes both downstream towards the screen and devices, and upstream towards the laptop.



BYOD room with 1 or 2 x4k displays and USB2 and USB 3 device support.

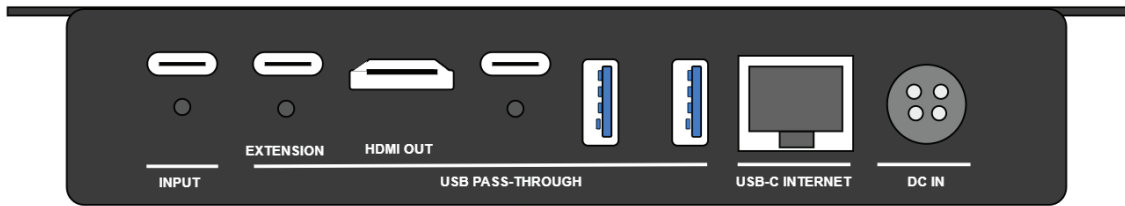


UC-room with BYOD support on Windows-based UC-systems.



Extending up 20m single USB-C connection with 100W charging

Specifications



General

Product name: Ochno Power Conference 4 Node

Model: O-PC-4-NODE

Contents: Main unit, power adapter, mounting brackets, manual.

Warranty: 3 year

Dimensions: 150 x 65 x 33 mm,

Weight: 380g

Regulatory approvals: CE, FCC, ETL, RoHS, REACH

Safety class: IP20, 90% RH

Ambient temperature: 5° – 40°C.

Protection: Over-current, over-voltage, over-temperature

Port Specification

USB-C Input Port: 1 x USB Type-C USB 3.2 Gen 2. Speed up to 10 Gbps. Up to 20V / 5A / 100W power supply. DP alt-mode 1.4 video input.

USB-C Extension port: DP alt-mode 1.4 video output, 2 or 4 DP lanes. Max resolution 2 x 4k 60hz at 4 lanes. Up to 32 Gbps video output. USB 3.2 Gen 2, speed up to 10 Gbps. .

HDMI Out: HDMI 2.1 video output. Max resolution 8k 60Hz. Up to 32 Gbps video output.

USB-C Dual Role Port: 1 x USB 3.2 Gen 2 Port. Speed up to 10 Gbps. Can connect both usb devices and usb hosts.

USB-A Ports: 2 x USB 3.2 Gen 2 Ports. Speed up to 10 Gbps. 5V / 0.9A power supply.

RJ45: 100/1000 Mbit/s Ethernet connectivity to Ether+ net-sharing via USB-C ports.

DC IN: Included: 60W 12V / 5A power supply input.
Optional: 200W 20V / 10A power supply input.

Functions

Management: O-PC-4-NODE is fully managable via connected O-PC-4, either locally using Ochno Management Console or Ochno Operated.

USB-C Internet: The network connected to the USB-C Internet port is shared via USB to the actively selected USB-C port. This allow the user to get network access without the need for using WIFI.

USB Pass-through: The 2 USB-A ports and 2 USB-C ports are normally used to connected USB device to. These devices will be made available to either the USB-C Input port or the Dual Role USB-C port in the case of Windows-based UC-systems.

Extension: The extension port can send both video and USB-communication to a downstream USB-C device which could be another O-PC-4-NODE, an O-PC-4, a device that supports USB-C upstream or a standard USB-C to HDMI-adapter.

Video out: O-PC-4 has an internal DP MST hub which allows for dual video output and a Windows laptop can select "Extend Desktop" to show different content on each display. For installations with two HDMI displays, a USB-C to HDMI-adapter can be inserted into the Extension port to get a secondary HDMI out. Apple MacBooks will replicate the same image on both displays.

Charging and USB Power: O-PC-4-NODE is shipped by a 60W power supply which provides 5V/3A output on all USB-C ports and 5V/1A output on USB-A ports. Alternatively, a 200W power supply can be used and then USB-C Input and USB-C Extension ports can provide up to 100W power output.

Designed in Sweden. Made in UK

