

## USB-C Dock - how does it work?

The dock allows you to connect your laptop with a single cable to the monitor to make sure it is both charged and connected to a wired network and signal from the laptop is sent to the monitor. A second monitor can be connected to the DisplayPort (MST) output to create a multi-monitor set-up.

Utilise the additional USB ports on the monitor to plug in your mouse, keyboard or webcam, connecting your laptop all thanks to the USB-C dock.



\*Power Delivery 65W-96W depending on the model

Signal is sent from the laptop to the monitor.

Monitor serves as a charger for the laptop.

Laptop is automatically connected to a wired network.

## Before you start

To enable powering your laptop through the monitor, please open the OSD menu, go to Miscellaneous and set USB BC ON.

Please watch our video explaining how a monitor featuring a USB-C dock can simplify your life.



Watch the video - Link for YouTube:  
<https://www.youtube.com/watch?v=ONkUIO5F2KI&t=26s>

\*see next page for details on laptop USB-C support levels



ProLite XUB2492HSN

PICTURE ADJUST

COLOR SETTINGS

OSD

LANGUAGE

RECALL

MISCELLANEOUS

INPUT SELECT

AUDIO SETTINGS

| MISCELLANEOUS       |                     |
|---------------------|---------------------|
| SHARP AND SOFT      | 1 2 3 4 5 6         |
| VIDEO MODE ADJUST   | ◀ FULL ▶            |
| OPENING LOGO        | ON OFF              |
| USB BC              | ◀ ON ▶              |
| MST                 | ◀ OFF ▶             |
| DISPLAY INFORMATION | 1920X1080 60Hz HDMI |

# Does my laptop support USB-C dock functionality?

Dock functionalities depend on your notebook USB-C support level. The table below covers basic symbols used in the industry but to be sure check your laptop's user guide/helpdesk to ensure if DP Alt Mode and/or Power Delivery are supported.

For video, your laptop needs to support DP-Alt mode.

|                     |                  | USB 2.0<br>480 Mbps | USB 3.0<br>5 Gb/s | USB 3.0<br>10 Gb/s |
|---------------------|------------------|---------------------|-------------------|--------------------|
| NO POWER DELIVERY   | No DP Alt Mode   |                     |                   |                    |
|                     | With DP Alt Mode |                     |                   |                    |
| WITH POWER DELIVERY | No DP Alt Mode   |                     |                   |                    |
|                     | With DP Alt Mode |                     |                   |                    |
| WITH POWER DELIVERY | With DP Alt Mode |                     |                   |                    |

## Desktop monitors featuring USB-C dock - functions and limitations:



- HDMI signal input
- DP-OUT signal output to 2nd monitor (DisplayPort)
- DP-IN signal input (DisplayPort)
- RJ-45 LAN, to connect with network
- USB-C input/output (data, video 'DP Alt mode', power delivery 65W-96W depending on the model)

# Creating different set-ups with the iiyama desktop monitors

Depending on the number of screens and their native resolutions, the maximum resolution and/or refresh rate may be limited by the input bandwidth.

| INPUT SOURCE | VIDEO FORMAT*              | MST SETTING | EXTENSION MODE | CLONE MODE |
|--------------|----------------------------|-------------|----------------|------------|
| USB-C        | 1920 x 1080<br>2560 x 1440 | ON          | ✓              | ✗          |
|              |                            | OFF         | ✗              | ✓          |
| ON           |                            | ✓           | ✗              |            |
| OFF          |                            | ✗           | ✓              |            |

To create multi-monitor set-ups, depending on your needs, you need to enable or disable the MST function in the OSD menu.

Please open the OSD menu, go to Miscellaneous and choose MST.

\*Depending on the number of screens and their native resolutions, the maximum resolution and/or refresh rate may be limited by the input bandwidth.



ProLite XCB3494WQSN

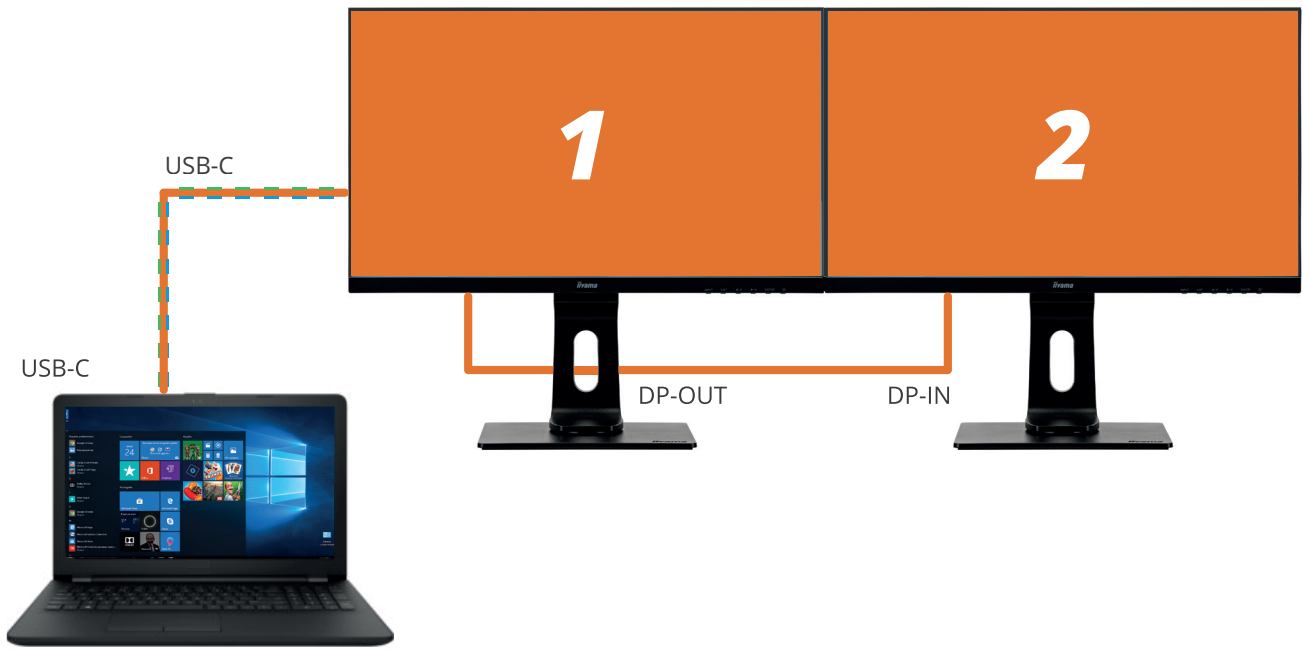
- PICTURE ADJUST
- IMAGE ADJUST
- COLOR SETTINGS
- SIGNAL SELECT
- AUDIO ADJUST
- SETUP MENU
- EXTRA1
- EXTRA2

## Setup 1 Single monitor connected to laptop / PC – clone or extension mode

- Signal from the laptop sent to the monitor via USB-C
- Laptop powered from the monitor via USB-C
- Laptop connected to LAN via USB-C



## Setup 2 Dual monitor set-up connected to laptop / PC – clone or extension mode



Option A

### MST function ON

> Second screen available in extension mode

Option B

### MST function OFF

> Second screen clones the first one

Second monitor can be any monitor with DisplayPort input. We recommend combination with following iiyama models: For a perfect fit and to make sure the color scale and contrast are identical, we highly recommend using exactly the same models in your multi-monitor set-up.

## Setup 3 Set-up for maximum 4 displays connected to laptop/PC – extension mode



✓ DP 1.2 video input

✓ Max. daisy chain length in extension mode: 4 monitors

✓ MST set to ON

✓ 1920 x 1080 @60Hz

**Q:** Can I use DP-in instead of USB-C and connect multiple monitors using DP-out?

**A:** Possible configuration will vary depending on computer specifications and monitors used. Please refer to the monitor's user manual for further details

**Q:** Can I connect my Tablet / Phone through USB-C?

**A:** Yes this is possible, screen resolution however is limited to Tablet / Phone screen ratio. Mouse and Keyboard can be connected through the USB-HUB. We cannot guarantee it will work on all devices as it highly depends on Phone / Tablet supported functions. iPad Pro is tested and will work, the resulting image will mirror iPad with same aspect ratio.

**Q:** Can I make a 2 x 2 videowall and input a 4K video signal using MST?

**A:** No, the maximum video resolution per screen is 1920 x 1080 @60Hz

**Q:** Can I connect the screen using the Thunderbolt 3 port on my Mac?

**A:** Yes.

**Q:** Can I use a different USB-C cable than the one supplied with my IIYAMA monitor?

**A:** If a separately purchased USB Type-C cable is used, make sure the cable is certified by USB-IF and is fully featured with power delivery and video / audio / data transfer functions.

**Q:** Will the monitor charge my laptop regardless of its power requirements?

**A:** The monitor can deliver from 65W to 96W, depending on the model. If your laptop requires more power, we recommend using the power supply originally provided with the laptop.

**Q:** Using a laptop + MST set to ON (extension mode) + 2 display in daisy chain, will I have video on all 3 screens?

**A:** The availability of video on all screens in the chain will depend on the capabilities of the laptop's graphics chipset.

## Known issues:

**Problem:** Building a multi-monitor setup mixing dock and non USB-C dock monitors I see differences in the color and contrast between the screens.

**Solution:** For a perfect fit and to make sure the color scale and contrast are identical, we highly recommend using exactly the same models in your multi-monitor set-up.