

DisplayPort™1.4 to HDMI™ 4K120Hz HDR

Active Adapter M/F



Product Name:

DisplayPort™1.4 to HDMI™ 4K120Hz HDR
Active Adapter M/F

Product Series:

Adapter

Product Code: CAC-1085

EAN code: 8719214471538

Description:

The Club 3D CAC-1085 is the perfect solution to connect to any HDMI™ 4K120Hz ready displays*. If you have a DisplayPort™ 1.4 ready PC or any other device that lacks the new HDMI™ 4K120Hz specification, the Club 3D CAC-1085 will be the simple way to upgrade your device and connect to your new TV*.

With its DP1.4 DSC video compression technology, this adapter is able to convert DP1.4 video signals to HDMI™2.1, supporting video display resolutions up to 8K (7680 x 4320)@60Hz ** and creating life like colors and movements with HDR giving users the ultimate visual experience. The Adapter is powered thru an USB Type C to USB Type A cable(provided with the product).

Features:

- Compliant with VESA DisplayPort™ v1.4 Specification
- Compliant with HDMI™ v2.1 Specification
- Support HDCP 1.4
- Support DSC v1.2a and backward compatible with the former version
- Support Max. resolution/refresh rates up to 4k@120Hz
- Support Dynamic HDR
- Sound Support 5.1-7.1

Applications:

- For the host device like laptop, desktop, video converter adaptor, docking station, projector, gaming and display system like TV*, digital signage, VR/AR system.
- Perfect for Host Devices which are featured with the DP1.4 graphic card that supports DP video signal output for gaming, commercial applications**

Supported resolutions:

- Support Max. resolution/timing up to 4k@120Hz

* Please update your TV Firmware to the version which supports these resolutions/refresh rates !

** Please update your Graphic drivers on your PC and make sure that DSC1.2 is supported on your devices to support the these resolutions/refresh rates!

Please use one of our Extension/Adapter cables to connect to your devices: In case you need assistance to choose the correct cable, please visit our website www.club-3d.com or feel free to mail us at support@club-3d.com and it will be our pleasure to assist you.

Disclaimer: While we endeavor to provide the most accurate, up-to-date information available, the content on this document may be out of date or include omissions, inaccuracies or other errors. Therefore Club 3D does not accept any rights claimed on the content of this document. Please refer to a full overview of our Legacy Terms and Conditions on www.club-3d.com. All other brand names are trademarks or registered trademarks and are the property of their respective owners. All content is subject to change without prior notice.



OS Support:

- All

In the box:

- CAC-1085 Active Adapter
- USB Type A to USB Type C Cable for external power

Available Interfaces

Input:

- 1x DP1.4 (Male)
- USB Type A to USB Type C Cable for external power (5V/1.5A)

Output:

- 1x HDMI™ (Female)
Note: Cable should meet 8K60Hz specs(or above) and should not exceed 2 m / 6.56 ft

Other info:

- Box size: 32 x 7 x 3.5 cm / 12.6 x 2.76 x 1.38 inch
- Device size: 6.2 x 4.7 x 1.9 cm / 2.45 x 1.85 x 0.75 inch
- Output Cable length approx.: 15 cm / 5.9 inch
- USB (Power) Cable length approx.: 50 cm / 19.64 inch
- Connector dimensions:
 - DisplayPort™ Male 4.5 x 2 x 1.5 cm / 1.78 x 0.79 x 0.6 inch
 - USB Type C Male 2.9 x 1.2 x 0.7 cm / 1.15 x 0.5 x 0.28 inch
 - USB Type A Male 3.8 x 1.5 x 0.8 cm / 1.5 x 0.6 x 0.32 inch
- Device Weight: 56 gr / 2 oz
- USB Cable Weight: 28 gr / 1 oz
- Box Weight: 42 gr / 1.48 oz
- LDPE Bag Weight: 5gr / 0.18 oz
- Total Weight: 120 gr / 4.3 oz
- Meets ROHS, FCC, and CE EMI requirements

This product is SPECIFICALLY designed to work with the latest Graphics Processing Units (GPU's) which supports DSC 1.2: At the time of printing these are the supported GPUs.

AMD™ NAVI: RX5700, RX5600XT, RX5700XT, RADEON VII, RX5500XT.

NVIDIA™ TURING™ RTX: TITAN RTX, RTX 2080, RTX 2070, RTX 2060

QUADRO™: RTX8000, RTX6000, RTX5000, RTX4000, RTX3000 MOBILE

Intel™ Eleven Based Gen: IceLake, Iris Plus Graphics, UHD Graphics

Please make absolutely sure that you're using one the above mentioned graphical technologies in order to obtain the Superior functionality of our Club 3D CAC-1085.

This adapter will function with lower specifications GPU's, be aware performance will be reduced due to the specifications of that GPU !!
Functionality is also dependent on the HDMI™ M/M cable used. In combination with this CAC-1085 adapter we advise to use HDMI™ Male/Male cable of 28AWG Quality or above, like the Club 3D CAC-1371 and/or CAC-1372 up to 2m/ 6.56 ft max. !

