



## StarTech DP2HDMI2 DisplayPort to HDMI Adapter Specifications And Datasheet

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StarTech DP2HDMI2 DisplayPort to HDMI Adapter



## Introduction

The StarTech.com DP2HDMI2 DisplayPort to HDMI Adapter lets you connect an HDMI-enabled display or projector to a DisplayPort out port from a computer (desktop or laptop), eliminating the expense of having to upgrade your display for DisplayPort compatibility. The adapter supports display resolutions of up to 1920×1200, allowing you to take full advantage of HDMI video capability.

DP2HDMI2 is a passive adapter cable that requires a DP++ port (DisplayPort++), meaning that DVI and HDMI signals can also be passed through the port. This adapter allows for audio pass-through if supported by the video source. Please review the video source manual to confirm support. Backed by a StarTech.com 3-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility



## Applications

- Ideal for digital entertainment centers, home offices, business conference rooms, and trade show displays
- Keep your existing HDMI monitor to be used with your new DisplayPort device
- Ideal for using your HDMI monitor as a secondary display

## Features

- **PERFORMANCE:** DisplayPort 1.2 to HDMI adapter connects a DP desktop or laptop to an HDMI display, monitor, projector or TV Supports HD 1920×1200 (1080p) video, 7.1ch Audio, HDCP 1.4 8in (21cm) attached

cable

- **HOST COMPATIBILITY:** Tested for compatibility with DP++ source; Passive converter supports DP++ source connector incl workstations, desktops (AMD/Nvidia video cards), laptops, small form factor computers & docking stations
- **CONNECT TO A PRIMARY OR SECONDARY DISPLAY:** Connect an HDMI monitor, projector, or TV, or add a second display to your workstation; Portable small form factor design makes it easy to carry between home office and office
- **LATCHING DISPLAYPORT CONNECTOR:** DP to HDMI adapter dongle has a latching DP connector to prevent accidental disconnection from the host DP port Tested with HDMI cables at extended lengths up to 35ft
- **EASY TO USE:** With no software or drivers required, the DisplayPort to HDMI video adapter is OS-independent; DP male to HDMI female

## Specifications

### Hardware

- **Warranty:** 3 Years
- **Active or Passive Adapter:** Passive
- **AV Input:** DisplayPort – 1.2
- **AV Output:** HDMI
- **Audio:** Yes
- **Chipset ID:** NXP Semiconductors PTN3361B

### Performance

- **Maximum Cable Distance To Display:** 49.9 ft [15.2 m]
- **Maximum Digital Resolutions:** 1920×1200 / 1080p
- **Audio Specifications:** HDMI – 7.1 Channel Audio

### Connector(s)

- **Connector A:** 1 – DisplayPort (20 pin)
- **Connector B:** 1 – HDMI (19 pin)

### Special Notes / Requirements

- **System and Cable Requirements:** DP++ port (DisplayPort ++ ) required on video card or video source (DVI and HDMI pass-through must be supported)

### Environmental

- **Operating Temperature:** 0C to 45C (32F to 113F)
- **Storage Temperature:** -10C to 80C (14F to 176F)
- **Humidity:** 10%-85%RH

## Physical Characteristics

- **Color:** Black
- **Cable Length:** 8.3 in [210 mm]
- **Product Length:** 10.4 in [26.5 cm]
- **Product Width:** 1.0 in [25.0 mm]
- **Product Height:** 0.6 in [1.4 cm]
- **Weight of Product:** 1.1 oz [32.0 g]

## Packaging Information

- **Package Quantity:** 1
- **Package Length:** 8.7 in [22.0 cm]
- **Package Width:** 7.9 in [20.0 cm]
- **Package Height:** 0.6 in [16.0 mm]
- **Shipping (Package) Weight:** 1.4 oz [41.0 g]

## What's in the Box

- **Included in Package:** 1 – DisplayPort to HDMI Converter

\*Product appearance and specifications are subject to change without notice.

## FAQ's

What is the StarTech DP2HDMI2 DisplayPort to HDMI Adapter?

The StarTech DP2HDMI2 is an adapter that allows you to connect a device with a DisplayPort output to a monitor, projector, or TV with an HDMI input.

What devices are compatible with the DP2HDMI2 adapter?

The DP2HDMI2 adapter is compatible with devices that have a DisplayPort output, such as computers, laptops, graphics cards, and some monitors.

Does the DP2HDMI2 adapter support audio transmission?

Yes, the DP2HDMI2 adapter typically supports both video and audio transmission, allowing you to transmit audio signals along with video from your DisplayPort source to the HDMI display.

Is the DP2HDMI2 adapter bidirectional?

No, the DP2HDMI2 adapter is unidirectional, meaning it converts a DisplayPort signal to an HDMI signal. It does not convert HDMI to DisplayPort.

What is the maximum resolution supported by the DP2HDMI2 adapter?

The maximum resolution supported can vary based on the version of the adapter and the DisplayPort and HDMI specifications. Typically, it supports resolutions up to 1920x1200 or 1080p.

Do I need to install drivers to use the DP2HDMI2 adapter?

No, the DP2HDMI2 adapter is usually plug-and-play, and you generally don't need to install any additional drivers for it to work.

Can I use the DP2HDMI2 adapter to connect to a 4K display?

It depends on the specific version of the DP2HDMI2 adapter. Some versions might support 4K resolution, but you should check the product specifications to confirm.

Is the DP2HDMI2 adapter compatible with older HDMI versions?

The DP2HDMI2 adapter is designed to work with standard HDMI displays. It might not support features specific to newer HDMI versions, such as HDMI 2.0 or HDMI 2.1.

Can I use the DP2HDMI2 adapter for gaming?

While the DP2HDMI2 adapter can transmit video and audio signals, it might not be optimized for gaming purposes, especially for high refresh rates and rapid response times.

Is the DP2HDMI2 adapter compatible with Mac computers?

Yes, the DP2HDMI2 adapter is generally compatible with Mac computers that have a DisplayPort output. However, ensure that your Mac's DisplayPort specification matches the adapter's specifications.

Does the DP2HDMI2 adapter require an external power source?

No, the DP2HDMI2 adapter is usually powered through the DisplayPort source, so you don't need an external power source for it to work.

Can I use the DP2HDMI2 adapter for extending my desktop to a second monitor?

Yes, you can use the DP2HDMI2 adapter to extend your desktop to a second HDMI monitor, effectively providing you with additional screen space.

**References:** [StarTech DP2HDMI2 DisplayPort to HDMI Adapter – Device.report](#)