

Overview

HP DP to HDMI 1.4 Adapter



Models

HP DP to HDMI 1.4 Adapter

K2K92AA

Introduction

Make the most of the available ports on your HP Business Desktop by converting its DisplayPort output to an HDMI output for quick and easy connection to a range of multimedia devices.

Key Benefits

- Enjoy access to and expand compatibility with your multimedia devices with an adapter that converts your DisplayPort output to HDMI. Simply connect the DisplayPort end to your PC and the HDMI end to your device.
- Get the reassurance of a one-year parts replacement limited warranty.
- Additional support is available (North America only) seven days a week, 24 hours a day by phone as well as through online support forums.

Compatibility

HP Business Desktop PCs with a DisplayPort.

Service and Support

Your Option Limited Warranty is a one (1) year (HP Option Limited Warranty Period) parts replacement warranty on any HP-branded or Compaq-branded options (HP Options). If your HP Option is installed in an HP Hardware Product, HP may provide warranty service either for the HP Option Limited Warranty Period or the remaining Limited Warranty Period of the HP Hardware Product in which the HP Option is being installed, whichever period is the longer but not to exceed three (3) years from the date you purchased the HP Option.

Technical Specifications

System Requirements	DisplayPort 1.2
Cable length	Cable Length (end of rear cap of DP connector -to- end of rear cap of HDMI connector) 12 inches (305mm) approximate
Weight (approx.)	1.4 oz (40 gm)
Conversion technology	Active converter
Connector type	Full size DisplayPort, HDMI Type A
Industry standard certifications	FCC, CE, VCCI, RCM, KCC, DisplayPort
Color	Black
Kit contents	HP DP to HDMI 1.4 Adapter

Display Resolution

Standard	Y – Processor Line (display 1,2,3)	U – Processor Line (display 1,2,3)	H/S – Processor Line (display 1,2,3)	Notes
eDP*	2880x1800 @ 60 Hz, 24bpp Or	3840x2160 @ 60Hz, 24bpp Or	4096x2304 @ 60 Hz, 24dpp	1,2,3
	3840x2160 @ 60 Hz, 24bpp ⁴	4096x2304 @ 60Hz, 24bpp ⁴		
DP*	2880x1800 @ 60 Hz, 24bpp Or	3840x2160 @ 60Hz, 24bpp Or	4096x2304 @ 60 Hz, 24dpp	1,2,3
	3840x2160 @ 60 Hz, 24bpp ⁴	4096x2304 @ 60Hz, 24bpp ⁴		
HDMI* 1.4 (native)	4096x2304 @ 60 Hz, 24dpp	4096x2304 @ 60 Hz, 24dpp	4096x2304 @ 60 Hz, 24dpp	1,2,3
HDMI 2.0 (Via LS Pcon)	2880x1800 @ 60 Hz, 24bpp Or	3840x2160 @ 60Hz, 24bpp Or	4096x2304 @ 60 Hz, 24dpp	1,2,3
	3840x2160 @ 60 Hz, 24bpp ⁴	4096x2304 @ 60Hz, 24bpp ⁴		

Notes:

1. Maximum resolution is based on implementation of 4 lanes with HBR2 link data rate.
2. bpp – bit per pixel.
3. S – Processor line and H processor line support up to 4 displays bur only three can be active at the same time.
4. The resolutions are assumed at max VCC_{SA}, additional power penalty of ~0.26W per one Display Port. Final resolutions depends on overall power specifications/limitations.
5. In case of connecting more than one active display port the processor frequency may be lower than base frequency at thermally limited scenario.

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Summary of changes

Date of change:	Version History:	Action	Description of change:
November 24 2015	From v1 to v2	Added	Display Resolution table.