

PL-DPHS13 1X3 DisplayPort 1.2 to HDMI MST Hub/Splitter with Pigtail Cable



The **PL-DPHS13 1x3 DisplayPort 1.2 to HDMI MST Hub/Splitter with Pigtail Cable** provides the most cost effective and advanced DisplayPort to HDMI splitter solution on the market, by which the high definition video and high quality audio can be transmitted to 3 different locations without losing quality. **PL-DPHS13 1x3 DisplayPort** can extend the laptop or desktop to additional displays and stream independent content to each individual display to make multitasking easier and increase your productivity, Besides, PL-DPHS13 can mirror the same image or split an image to multiple displays for digital signage applications.

Key Features

- DisplayPort 1.2 compliant
- Supports up to 4K2K@30
- HDCP 1.3 compliant
- Video bandwidth: 21.6Gbps
- Supports SST or MST (Multi-Stream Transport)
- Supports xvYCC, x.v.Color & Deep Color
- Easy installation

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Technical Specifications

ROLE OF USAGE	1x3 MST Hub/Distribution Amplifier (Splitter)
DP COMPLIANCE	DisplayPort 1.2
HDCP COMPLIANCE	HDCP 1.3
VIDEO BANDWIDTH	21.6 Gbps
VIDEO SUPPORT	4K2K@30
AUDIO SUPPORT	LPCM, AC3, DTS
ESD PROTECTION	Human body model - $\pm 15\text{kV}$ [air-gap discharge] & $\pm 8\text{kV}$ [contact]
PCB STACK-UP	4-layer board [impedance control - differential 100Ω ; single 50Ω]
INPUT	1x DP
OUTPUT	3x HDMI
DP CONNECTOR	Normal Type
HDMI CONNECTOR	Type A [19-pin female]

Mechanical Specifications

HOUSING	Metal enclosure
PRODUCT DIMENSIONS	Model: 4.1 x 2.9 x 0.7 in. (105 x 73 x 17 mm) Package: 6.4 x 4.4 x 1.7 in. (165 x 111 x 42 mm) Carton: 1.6 x 1.4 x 13.8 in. (490 x 426 x 352 mm)
PRODUCT WEIGHT	Model: 115g [4 oz] Package: 203g 7.2 oz]
FIXEDNESS	Wall-mounting case
POWER SUPPLY	5V 1A DC
POWER CONSUMPTION	2 Watts [max]
OPERATION TEMPERATURE	0~40°C [32~104°F]
STORAGE TEMPERATURE	-20~60°C [-4~140°F]
RELATIVE HUMIDITY	20~90% RH [no condensation]

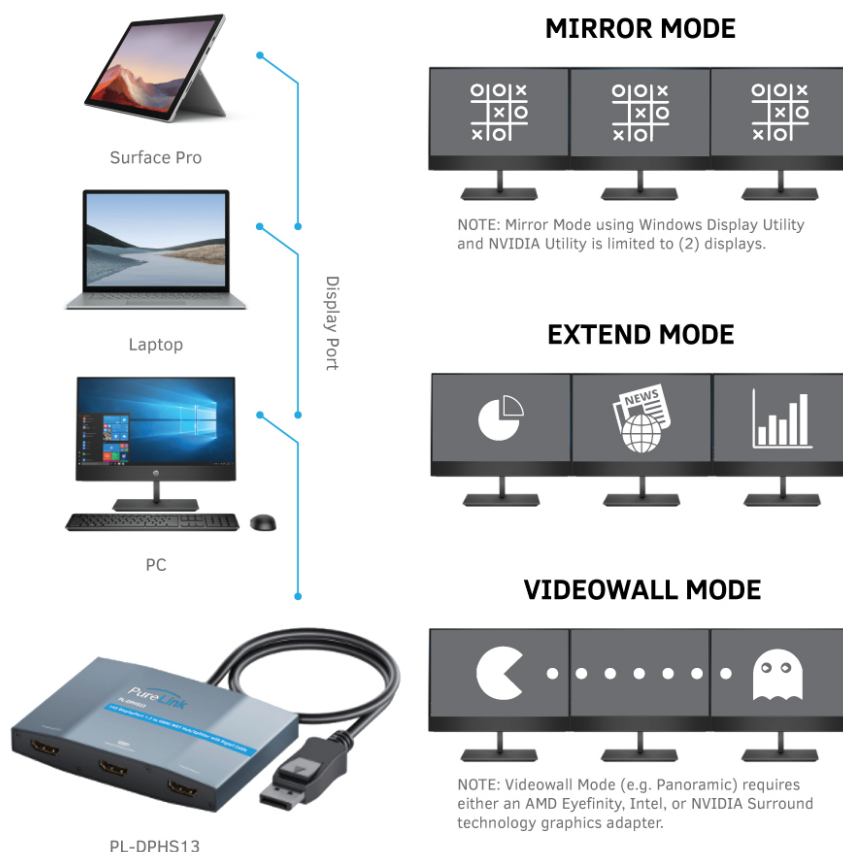
Warranty

WARRANTY	Limited Warranty (3-Years)
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Connection Diagram

SP-4053Z-PT allows user to connect three displays to the DisplayPort enabled laptop, Ultrabook, or PC. Configure these added monitors anyway you want; works as a splitter with the same content on each monitor, extended mode with independent monitors, or video wall mode joining multiple monitors together as one display.



Notes:

1. Total bandwidth is 21.6Gbps* (under MST mode)

RESOLUTION	% OF TOTAL BANDWIDTH(21.6Gbps)
3840x2160@30	40%
1920x1200@60	30%
1920x1080@60	22%

***The total combined bandwidth among all connected displays must NOT exceed 21.6Gbps**

- Supports UHD video resolutions up to 3840x2160@30, and 7.1ch surround audio to deliver high quality video and audio.
- Driver or software is NOT required.
- Existing video card can be used to minimize the use of system resources.
- MacOS does NOT support MST technology and will only mirror each display.