Overview:

The DisplayPort 1.2a 1×2 Hub, MST (500506) is a device that allows you to extend different DisplayPort 1.2a content from one DisplayPort connector to two monitors. The hub supports video resolutions up to 4K and PCM Audio up to 7.1-Channel and up to 192 kHz sampling rate, and supports Multi-Stream Transport (MST) of up to eight streams.

Applications:

Commercial and residential AV systems
Classroom training systems
Digital signage
Boardroom systems

Features:
- Extend different DisplayPort 1.2a content from one DisplayPort connector to two monitors
- Supports data rate of 5.4 Gbps per lane with a total of 21.6 Gbps link rate
- HDMI link rate: 3.2 Gbps/data pair
- Supports dual mode DisplayPort
- 4K at 60Hz, 24 bits/pixel in DP 1.2a configuration
- 1080p at 240Hz, 24 bits/pixel
- Supports Multi-Stream Transport (MST) of up to eight streams

Specifications	
Environment	DisplayPort 1.2a
Device Targeted	Installation of DisplayPort or Mini DisplayPort output source equipment with DisplayPort input monitors
Transmission	Transparent to the user.
Video Bandwidth	21.6 Gbps (5.4Gbps per lane)
Signals	DisplayPort 1.2a & Dual mode DisplayPort protocol
Transport	Supports Multi-Stream Transport (MST) of up to eight streams
Resolution	Up to 3840 X 2160 @ 60 FPS
HDCP	Revision 1.4 compliant.
Audio	LPCM 7.1CH, Dolby TrueHD and DTS-HD Master Audio
Connectors	Three DisplayPort connectors. One PSU connector
Cabling Requirement	Input port : 1x Standard DisplayPort Cable Output port : 2x Standard DisplayPort Cables (Select appropriate cable length for video resolution selected)
LEDs	Input & Output Link: Blue
Power Supply	5VDC, 2A
Temperature	Operating: 0° to 40°C (32° to 104°F) Storage: -20° to 60°C (-4° to 185°F)
Humidity	Maximum 90% (non-condensing)
Enclosure	Black metal enclosure
Dimensions	4.33" x 2.95" x 1.00" (110 mm x 75 mm x 25 mm)
Weight	0.55lbs (250g)
Compliance	Regulatory: FCC, CE, RoHS
Warranty	2 years
Order Information	500506 DisplayPort 1.2a 1x2 Hub, MST (UPC: 627699005064)

Typical Application: