

# Technical data

## General features of the series

DP1.2-MUX2-NT SERIES		
<b>Number of video sources</b>	Per computer/workstation:	▸ See variant features
<b>Workstation</b>	Connectors per device:	1
	Connection:	Directly on the device
<b>Interfaces for workstation</b>	Video:	▸ See variant features
	PS/2 keyboard/mouse	1 × PS/2 socket ▸ Adapter for additional PS/2 interface available
	USB keyboard/mouse:	2 × USB A socket
	USB 3.0 devices:	2 × USB A socket
	Audio:	1 × 3.5 mm jack plug (speakers)
	External switch:	1 × RS232 socket
<b>Computer</b>	Connectors per device:	2
	Connection:	With optional cable sets on the device
<b>Interfaces per computer</b>	Video:	▸ See variant features
	PS/2:	1 × PS/2 socket ▸ Adapter for additional PS/2 interface available
	USB:	1 × USB B socket
	USB 3.0:	1 × USB B socket
	Audio:	1 × 3.5 mm jack plug (line in)
<b>Other interfaces</b>	Network:	2 × RJ45 socket
	Service:	1 × Mini USB B socket
<b>Audio</b> ▸ DisplayPort digital	Transmission type:	Digital, unidirectional, embedded in DisplayPort signal
	Resolutions:	16/20/24 bit
	Sampling rates:	Up to 48 kHz
<b>Audio</b> ▸ Line In/Speaker	Type:	Analogue, transparent
	Resolution:	24 bit digital, stereo
	Sampling rate:	96 kHz
	Bandwidth	22 kHz

<b>Video</b>	Signal input:	DisplayPort 1.2a (LBR, HBR, HBR2, SST)
	Signal output:	DisplayPort 1.2a (LBR, HBR, HBR2, SST)
	Colour depth:	24 bits
	Exemplary resolutions:	<ul style="list-style-type: none"> <li>▪ 4096 × 2160 @ 60 Hz (4K/60 Hz)</li> <li>▪ 3840 × 2160 @ 60 Hz (UltraHD/60 Hz)</li> <li>▪ 2560 × 1600 @ 60 Hz</li> <li>▪ 1920 × 1200 @ 60 Hz</li> <li>▪ 2048 × 2048 @ 60 Hz (2K x 2K)</li> </ul> <p>› Other standard resolutions within the max. pixel rate and refresh rates between 20 and 120 Hz possible.</p>
	Pixel rate:	25 MPixel/s to 600 MPixel/s
	Pixel coding:	RGB 4:4:4 with 24 bpp/8 bpc
	Vertical frequency:	20 Hz to 120 Hz
	Horizontal frequency:	25 kHz to 185 kHz
	EDID incl. DDC/CI:	EDID support via DP AUX channel
	DDC/CI:	The device is ready to support monitors with a DDC/CI function. The DDC information are transparently forwarded to the monitor to support a maximum number of monitors. However, the support cannot be guaranteed for all monitor models.
<b>USB</b>	Specification:	USB 3.1 Gen 1 (USB 3.0/USB 2.0 compatible)
	Transmission rate:	SuperSpeed 5.0 Gbps (low speed, full speed, hi speed compatible)
	Power (output):	HighPower (0.9A)
	Max. cable length:	<ul style="list-style-type: none"> <li>▪ USB 3.0/USB 3.1: max. 3 m</li> <li>▪ USB 2.0: max. 5 m</li> </ul>
<b>Main power supply</b>	Type:	Internal power pack
	Connection:	IEC plug (IEC-320 C14)
<b>Redundant power supply</b>	Type:	Internal power pack
	Connection:	IEC plug (IEC-320 C14)
<b>Power consumption</b>	Maximum:	› see variant features
<b>Operating environment</b>	Temperature:	+5°C to +45°C
	Air humidity:	< 80%, non-condensing
<b>Conformity</b>		CE, RoHS

## Individual variant features

<b>DP1.2-MUX2-NT</b>		
<b>Number of video sources</b>	Per computer/ workstation:	1
<b>Interfaces for workstation</b>	Video:	1 × DisplayPort socket
<b>Interfaces per computer</b>	Video:	1 × DisplayPort socket
<b>Power supply</b>	Power consumption:	0,3 A@240VAC; 0,5 mA@100VAC
<b>Housing</b>	Material:	Anodised aluminium
	Dimensions (W × H × D):	435 × 44 × 210 mm
	Weight:	Approx. 2.4 kg
<b>DP1.2-MUX2-NT-MC2</b>		
<b>Number of video sources</b>	Per computer/ workstation:	2
<b>Interfaces for workstation</b>	Video:	2 × DisplayPort socket
<b>Interfaces per computer</b>	Video:	2 × DisplayPort socket
<b>Power supply</b>	Power consumption:	0,4 A@240VAC; 0,6 mA@100VAC
<b>Housing</b>	Material:	Anodised aluminium
	Dimensions (W × H × D):	435 × 66 × 210 mm
	Weight:	Approx. 2.6 kg