

Technical data

General features of the series

DP1.2-MUX2-USB SERIES		
No. of video sources	per computer/console:	▸ see variant features
Console	Connections per device:	1
	Connection:	directly at the device
Interfaces for console	Video:	▸ see variant features
	USB keyboard/mouse:	2 × USB-A jack
	USB 2.0 devices:	2 × USB-A jack
	Audio:	1 × 3,5 mm jack socket (Line In) 1 × 3,5 mm jack socket (Speaker)
Computer	Connections per device:	2
	Connection:	with optional cable sets at the device
Interfaces per computer	Video:	▸ see variant features
	USB:	1 × USB-B jack
	Audio:	1 × 3,5 mm jack socket (Line In) 1 × 3,5 mm jack socket (Line Out)
Graphics	Signal input:	DisplayPort 1.2a (LBR, HBR, HBR2)
	Signal output:	DisplayPort 1.2a (LBR, HBR, HBR2)
	Colour depth:	24 Bit
	Exemplary resolutions:	<ul style="list-style-type: none"> ▪ 4096 × 2160 @ 60 Hz (4K/60 Hz) ▪ 3840 × 2160 @ 60 Hz (Ultra-HD/60 Hz) ▪ 2560 × 1600 @ 60 Hz ▪ 1920 × 1200 @ 60 Hz ▪ 2048 × 2048 @ 60 Hz (2K x 2K)
		▸ More standardized resolutions within the max. pixelrate and refresh rate between 24 and 120 Hz possible.
	Pixelrate:	25 MPixel/s to 600 MPixel/s
	Pixel coding:	RGB 4:4:4 with 24 bpp/8 bpc
E-EDID:	E-EDID support via DP-AUX channel (incl. DDC/CI)	
Audio ▸ DisplayPort Digital	Transmission type:	L-PCM (2/4/6/8 channels), stereo
	Resolutions:	16/20/24 bit
	Sampling rates:	32/44,1/48/88,2/96/176,4/192 kHz
Audio ▸ Line In/Out	Type:	analog, bidirectional
	Resolutions:	24 bit digital, stereo
	Sampling rate:	96 kHz

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DP1.2-MUX2-USB SERIES		
Other interfaces	Service:	1 × Mini-B USB socket
	Remote:	1 × Mini-B USB socket
	RS232:	1 × RJ 11 socket
Power supply	Type:	internal power pack
	Connection:	IEC socket (IEC-320 C14)
	Power input:	▸ see variant features
Operational environment	Temperature:	+5 to +45 °C
	Humidity:	< 80%, non-condensing
Conformity		CE, RoHS

Individual variant features

DP1.2-MUX2-USB		
No. of video sources	per computer/console:	1
Interfaces for console	Video:	1 × DisplayPort jack
	Video:	1 × DisplayPort jack
Power supply	Power input:	100 mA@240VAC; 200 mA@100VAC
Casing	Material:	anodised aluminium
	Dimensions (W × H × D):	210 × 44 × 210 mm

DP1.2-MUX2-MC2-USB		
No. of video sources	per computer/console:	2
Interfaces for console	Video:	2 × DisplayPort jack
	Video:	2 × DisplayPort jack
Power supply	Power input:	200 mA@240VAC; 300 mA@100VAC
Casing	Material:	anodised aluminium
	Dimensions (W × H × D):	210 × 66 × 210 mm

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General features of the series

DP1.2-MUX4 SERIES		
No. of video sources	per computer/console:	▸ see variant features
Console	Connections per device:	1
	Connection:	directly at the device
Interfaces for console	Video:	▸ see variant features
	USB keyboard/mouse:	2 × USB-A jack
	USB 2.0 devices:	2 × USB-A jack
	Audio:	1 × 3,5 mm jack socket (Line In) 1 × 3,5 mm jack socket (Speaker)
Computer	Connections per device:	4
	Connection:	with optional cable sets at the device
Interfaces per computer	Video:	▸ see variant features
	USB:	1 × USB-B jack
	Audio:	1 × 3,5 mm jack socket (Line In) 1 × 3,5 mm jack socket (Line Out)
Graphics	Signal input:	DisplayPort 1.2a (LBR, HBR, HBR2, SST, MST)
	Signal output:	DisplayPort 1.2a (LBR, HBR, HBR2, SST, MST)
	Colour depth:	24 Bit
	Exemplary resolutions:	<ul style="list-style-type: none"> ▪ 4096 × 2160 @ 60 Hz (4K/60 Hz) ▪ 3840 × 2160 @ 60 Hz (Ultra-HD/60 Hz) ▪ 2560 × 1600 @ 60 Hz ▪ 1920 × 1200 @ 60 Hz ▪ 2048 × 2048 @ 60 Hz (2K x 2K)
		▸ More standardized resolutions within the max. pixelrate and refresh rate between 24 and 120 Hz possible.
	Pixelrate:	25 MPixel/s to 600 MPixel/s
	Pixel coding:	RGB 4:4:4 with 24 bpp/8 bpc
	E-EDID:	E-EDID support via DP-AUX channel (incl. DDC/CI)
Audio ▸ DisplayPort Digital	Transmission type:	L-PCM (2/4/6/8 channels), stereo
	Resolutions:	16/20/24 bit
	Sampling rates:	32/44,1/48/88,2/96/176,4/192 kHz
Audio ▸ Line In/Out	Type:	analog, bidirectional
	Resolutions:	24 bit digital, stereo
	Sampling rate:	96 kHz

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DP1.2-MUX4 SERIES		
Other interfaces	Service:	1 × Mini-B USB socket
	Remote:	1 × Mini-B USB socket
	RS232:	1 × RJ 11 socket
Power supply	Type:	internal power pack
	Connection:	IEC socket (IEC-320 C14)
	Power input:	▸ see variant features
Operational environment	Temperature:	+5 to +45 °C
	Humidity:	< 80%, non-condensing
Conformity		CE, RoHS

Individual variant features

DP1.2-MUX4-USB		
No. of video sources	per computer/console:	1
Interfaces for console	Video:	1 × DisplayPort jack
	Video:	1 × DisplayPort jack
Power supply	Power input:	200 mA@240VAC; 300 mA@100VAC
Casing	Material:	anodised aluminium
	Dimensions (W × H × D):	270 × 44 × 210 mm
	Weight:	approx. 1.5 kg

DP1.2-MUX4-USB-MC2		
No. of video sources	per computer/console:	2
Interfaces for console	Video:	2 × DisplayPort jack
	Video:	2 × DisplayPort jack
Power supply	Power input:	200 mA@240VAC; 400 mA@100VAC
Casing	Material:	anodised aluminium
	Dimensions (W × H × D):	270 × 66 × 210 mm
	Weight:	approx. 1.7 kg

DP1.2-MUX4-USB-MC3		
No. of video sources	per computer/console:	3
Interfaces for console	Video:	3 × DisplayPort jack
Interfaces per computer	Video:	3 × DisplayPort jack
Power supply	Power input:	200 mA@240VAC; 400 mA@100VAC
Casing	Material:	anodised aluminium
	Dimensions (W × H × D):	270 × 88 × 210 mm
	Weight:	approx. 1.9 kg
DP1.2-MUX4-USB-MC4		
No. of video sources	per computer/console:	4
Interfaces for console	Video:	4 × DisplayPort jack
Interfaces per computer	Video:	4 × DisplayPort jack
Power supply	Power input:	200 mA@240VAC; 400 mA@100VAC
Casing	Material:	anodised aluminium
	Dimensions (W × H × D):	270 × 132 × 210 mm
	Weight:	approx. 2.3 kg