

Technical data

General features of the series

| DP1.2-MUX3-ATC SERIES | | |
|---|---------------------------|--|
| Number of video sources | Per computer/workstation: | ▸ See variant features |
| Workstation | Connectors per device: | 1 |
| | Connection: | Directly on the device |
| Interfaces for workstation | 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) 1 × Cinch (RCA) socket (Dig. Audio Out) |
| | External switch: | 1 × RS232 socket |
| Computer | Connectors per device: | 3 |
| | Connection: | With optional cable sets on the device |
| Interfaces per computer | 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) |
| Other interfaces | Network: | 2 × RJ45 socket |
| | Service: | 1 × Mini USB B socket |
| Audio ▸ DisplayPort digital ▸ Digital audio out | Transmission type: | Digital, unidirectional, embedded in DisplayPort signal |
| | Resolutions: | 16/20/24 bit |
| | Sampling rates: | Up to 48 kHz |
| | Digital Audio Out: | De-embedding of embedded audio in DisplayPort signal |
| Audio ▸ Line In/Speaker | Type: | Analogue, transparent |
| | Resolution: | 24 bit digital, stereo |
| | Sampling rate: | 96 kHz |
| | Bandwidth | 22 kHz |

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| Graphics | Signal input: | DisplayPort 1.2a (LBR, HBR, HBR2, SST, MST) |
| | Signal output: | DisplayPort 1.2a (LBR, HBR, HBR2, SST, MST) |
| | Colour depth: | 24 bits |
| | Exemplary resolutions: | <ul style="list-style-type: none"> ▪ 4096 × 2160 @ 60 Hz (4K/60 Hz) ▪ 3840 × 2160 @ 60 Hz (UltraHD/60 Hz) ▪ 2560 × 1600 @ 60 Hz ▪ 2560 × 1440 @ 144 Hz ▪ 1920 × 1200 @ 60 Hz ▪ 1920 × 1080 @ 240 Hz ▪ 2048 × 2048 @ 60 Hz (2K x 2K) <p>• Further resolutions standardised according to VESA and CEA within the max. pixel rate and vertical and horizontal frequency 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 240 Hz |
| | Horizontal frequency: | 25 kHz to 295 kHz |
| | EDID incl. DDC/CI: | E-DID support via DP AUX channel |
| | DDC/CI: | The device is ready to support monitors with DDC/CI function. The DDC information is transparently transmitted to the monitor to support as many monitors as possible. However, support cannot be guaranteed for all monitor models. |
| USB | 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"> ▪ USB 3.0/USB 3.1: max. 3 m ▪ USB 2.0: max. 5 m |

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| Main power supply | Type: | Internal power pack |
| | Connection: | IEC plug (IEC-320 C14) |
| Redundant power supply | Type: | Internal power pack |
| | Connection: | IEC plug (IEC-320 C14) |
| Power consumption | Maximum: | ▸ see variant features |
| Operating environment | Temperature: | +5°C to +45°C |
| | Air humidity: | 20% to 80%, non-condensing |
| Storage environment | Temperature: | -20°C to +55°C |
| | Air humidity: | 15% to 85%, non-condensing |
| Conformity | | CE, EAC, RoHS |

Individual variant features

| | | |
|-----------------------------------|---------------------------|-----------------------------|
| DP1.2-MUX3-ATC | | |
| Number of video sources | Per computer/workstation: | 1 |
| Interfaces for workstation | Video: | 1 × DisplayPort socket |
| Interfaces per computer | Video: | 1 × DisplayPort socket |
| Power supply | Power consumption: | 0.5 A@240VAC; 0.9 mA@100VAC |
| Housing | Material: | Anodised aluminium |
| | Dimensions (W × H × D): | 435 × 44 × 210 mm |
| | Weight: | Approx. 2.7 kg |
| DP1.2-MUX3-ATC-MC2 | | |
| Number of video sources | Per computer/workstation: | 2 |
| Interfaces for workstation | Video: | 2 × DisplayPort socket |
| Interfaces per computer | Video: | 2 × DisplayPort socket |
| Power supply | Power consumption: | 0.5 A@240VAC; 1.2 mA@100VAC |
| Housing | Material: | Anodised aluminium |
| | Dimensions (W × H × D): | 435 × 88 × 210 mm |
| | Weight: | Approx. 3.5 kg |