



Specifications

- * Input Port and Specifications
- ◆2xHDMI femaleboard: Used for connecting HDMI signal source devices with HDMI 2.0, HDCP 2.2/1.4, supporting a maximum resolution of 4k@60Hz; backward compatible with 4k@30Hz, 2560*1440@120Hz, and 1920*1080@240Hz. ◆2xUSB-B Socket: USB3.0 standard with data transfer rates up to 5Gbps, compatible with USB2.0/USB1.1; ◆1xUSB-C Socket: external power port, USB5V, QC, and PD charger supporting both front and back connections;
- * Output Ports and Specifications
- ◆1xHDMI femaleboard: Used for connecting HDMI display devices, supporting a maximum resolution of 4k@60Hz; backward compatible with 4k@30Hz, 2560*1440@120Hz, and 1920*1080@240Hz. ◆3xUSB-A Socket: A USB 3.0 standard for connecting keyboards, mice, USB flash drives, printers, and other devices, with data transfer rates up to 5Gbps and backward compatibility with USB2.0/USB1.1;
- ◆1xUSB-C Socket: A USB 3.0 standard for connecting peripheral storage devices and other equipment, with a data transfer rate up to 5Gbps and backward compatibility with USB2.0/USB1.1;
- ◆1xmini USB femaleboard: for connecting to the KVM desktop controller.
- * Indicator Light Description: Blue signal indicator light, powered on using the pre-disconnection channel. With power-off memory.
- * Power supply requirements: At least a set of USB-B receptacles must be connected for proper use.
- * Product power consumption: no-load current ≈ 49 mA, working current ≈ 175 mA
- * TMDS Clock Frequency and Bandwidth
- TMDS clock frequency 600 MHz, single-channel 6 Gbps, total video bandwidth 18 Gbps
- * Image Delay: Almost No Delay
- * Video formats: RGB/YCbCr4:4:4/YCbCr4:2:2/YCbCr4:2:0 (8/10/12) bpc.
- * Audio Format:LPCM/DTS AUDIO/Dolby TrueHD/Dolby Digital Plus/Dolby Atmos
- * 3D/CEC/HDR: functionality supports 3D HDR and CEC.
- * Button function for switching between two signal source devices.
- * Hotkey Function: No hotkey function.
- * Control Method: Key Switch/KVM Desktop Controller Key Switch
- * USB current-limiting ports: 3*USB3.0+1*USB-C total current-limiting 3A (with a limit of 1.5A per two ports), supporting short-circuit protection and overcurrent protection for 16 USB read and write speeds.
- USB1 Read: 81 MB/s Write: 294 MB/s
- USB2 read: 373 MB/s write: 332 MB/s
- USB3 Read: 373 MB/s Write: 331 MB/s
- USBC Read: 386 MB/s Write: 327 MB/s
- * Operating temperature: 0°C~45°C.
- * Storage temperature: -20°C to 60°C.
- * Supports Windows 11/10/8.1/8/7, MAC OS, and Linux (Ubuntu) operating systems