USB 3.2 Gen 1 Industrial Hub, 7-Port

DA-70261
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USB 3.2 Gen 1 Industrial Hub, 7-Port 7x USB-A, 5 Gbit/s, Black

The USB 3.2 Gen 1 Industrial Hub, 7-Port was developed for professional industrial and automation applications and expands systems with seven USB-A ports with transfer rates of up to 5 Gbit/s. This allows a wide variety of USB devices such as sensors, cameras, input devices, storage media or control components to be reliably connected. For high integration flexibility, the hub supports two different power supply options. In addition to a classic 12V DC connection, a 2-pin terminal block with an extended input voltage range of 7V to 30V is also available. This makes the device ideal for use in a wide variety of industrial power supply concepts. The compact aluminum housing ensures a stable and durable construction in daily use. In addition, integrated LED status indicators provide a quick overview of the system's operating and connection status. The hub has extensive protection mechanisms for reliable continuous operation. Integrated protection circuits against undervoltage, overvoltage, overcurrent and short circuits contribute to operational safety and protect both the device itself and connected components. In addition, overtemperature, reverse polarity, ESD and surge protection increase resistance to external influences and electrical voltage peaks. An integrated soft-start function reduces inrush current peaks and supports the long-term stability of the hardware. For easy integration into industrial environments, the hub is supplied with a wall/table mounting kit and DIN rail kit. This allows the device to be installed flexibly in control cabinets, production facilities or industrial workstations. The hub also supports the latest versions of Windows, macOS, ChromeOS and Linux and enables quick commissioning without the need for complex configuration.

More connections for maximum flexibility in industrial applications - robust, reliable and efficient.

- Connections:
- 7x USB-A 3.2 Gen 1 port (5 Gbit/s) for fast data transfer
- 1x USB-B port for connection to the host system
- 1x DC Jack for power supply (12V)
- 1x terminal block for alternative power supply (7V-30V)
- Wall/table mounting and DIN rail kit for flexible installation options
- IP protection class: IP30 - protection against solid foreign bodies ≥ 2.5 mm
- Input protection functions (Input Protection):
- Undervoltage shutdown (UVLO) - Protects the electronics from unstable or too low supply voltage
- Overvoltage protection (OVP) - Prevents damage caused by excessive input voltages
- Overcurrent and short-circuit protection (OCP / SCP) - Automatic switch-off in the event of overload or short-circuit for maximum safety
- Overtemperature protection up to approx. 150 °C (OTP) - Reliably protects the system from overheating
- Soft-start function - Reduces inrush current peaks and increases the service life of the components
- Reverse polarity protection at the 2-pin input (RPP) - Protection in the event of incorrectly connected power supply
- ESD protection up to 8 kV contact / 15 kV air - High resistance to electrostatic discharge
- Output protection functions (Output Protection):
- Output overcurrent protection (Output OCP) - Reliably protects connected loads from overload
- Output short-circuit protection (Output SCP) - Automatic protective shutdown in the event of a short circuit at the output
- ESD protection up to 8 kV contact / 15 kV air - Additional protection against electrostatic discharges at the output
- Overvoltage/surge protection up to 350 W - High resilience to short-term voltage peaks and load pulses
- Chipset information: VL817
- Product color: Black
- Housing: Aluminum
- Weight: 180 g
- Dimensions: L 141 x W 68 x H 28 mm
- Operating temperature : -40°C to +85°C
- Cable length: 100 cm
- Cable color: Black
- Compatibility exists with the following operating systems up to their current versions: Windows, macOS, ChromeOS, Linux

Attributes

- Number of ports: 7
- USB-A (2.0) Connectors: 0
- USB-A (3.0) Connectors: 7
- USB-C Connectors: 0

Package contents

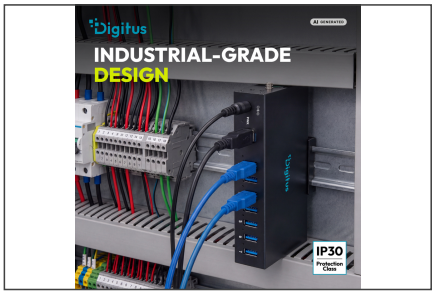
- 1x USB 3.2 Gen 1 Industrial Hub, 7-Port
- 1x USB-B - USB-A connection cable
- 1x power supply unit (12V/4A)
- 1 x 2-pin terminal block
- 1 x DIN rail: 10 cm
- 1x wall mounting kit
- 1x QIG

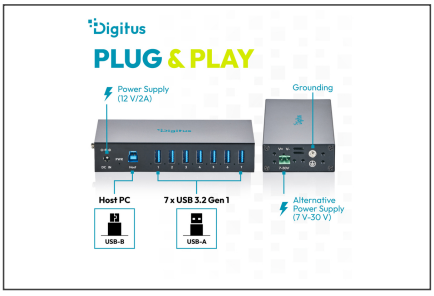
More images:

















Safety notes

- Overloading can lead to overheating and damage to the appliance or the connected peripherals.
- If necessary, use an external power supply to ensure stable performance.
- If devices such as external hard disks or printers that require a high power consumption are connected, the device should be used with an external power supply. Otherwise, the device could be overloaded or functional problems could occur.
- Do not expose the device to rain, moisture, vapors or liquids.
- Do not insert any objects into the device.
- Do not attempt to repair the unit or open the housing without authorization. You risk an electric shock!
- Ensure adequate ventilation to prevent damage due to overheating.
- Dust, moisture, vapors and strong cleaning agents or solvents can cause damage to the device.
- Disconnect the appliance from the power supply and the connected devices before cleaning.
- Clean the device with a dust-free cloth.