

USB 2.0 HUB module, 4 ports with USB-C connector

Product codes:

Reference: AM8473

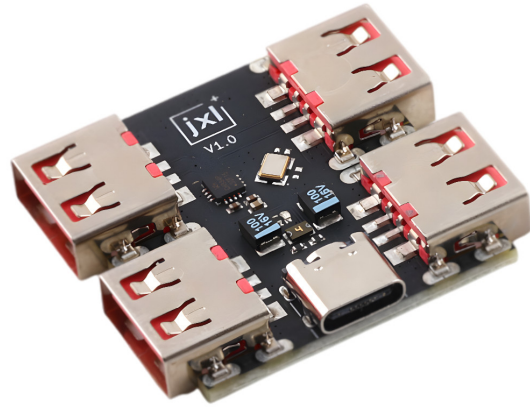
EAN13: -

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Product features:

Input voltage: 5 V DC

Operating temperature: 0-70°C



Product attributes:

Product description:

Compact 4-port USB 2.0 hub on PCB with USB-C input. Expands one USB port to four for low-power devices and communication with microcontrollers, SBCs or PCs. Suitable for data transfer (realistic up to ~40 MB/s) and for peripherals that do not require high charging current.

Technical specifications

- Controller: XL334P4 (USB 2.0 hub)
 - Upstream connector: 1× USB-C (power + data)
 - Downstream ports: 4× USB-A (USB 2.0, Hi-Speed 480 Mb/s)
 - Transfer speed: up to 480 Mbps (typically up to ~40 MB/s when copying files)
 - Power supply: 5 V DC from USB (bus-powered)
 - Power supply protection: PTC fuse 500 mA on 5 V input (can be replaced with 0 Ω resistor - for advanced users only)
 - Recommended load: low-power USB peripherals (mouse, keyboard, USB flash, converters, MCU, etc.)
 - Not suitable for: charging phones, powering powerful fans and other high-power loads
 - PCB dimensions: approx. 32 × 35 mm (including side protrusions approx. 33 × 38 mm)
 - Weight: ~6-8 g
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- Operating temperature: 0°C to 70°C (typ.)
- Plug & Play: driverless for Windows / Linux / macOS

Functions and features

- Expansion of one USB port to four in minimal dimensions for integration into devices or projects.
- Power and data via a single USB-C connector, simple integration.
- The 500 mA input PTC fuse protects the 5 V distribution from short circuit and overload.
- Stable communication with common peripherals and development boards (Arduino, STM32, ESP32, Raspberry Pi, etc.).
- Service modification option: replace the fuse with a 0 Ω resistor for projects where current limiting is not required.

Ideal for

- Laboratory and development projects with microcontrollers and SBCs.
- Connecting a keyboard, mouse, USB flash drive, USB-UART/TTL converters and other low-power peripherals.
- Expand USB ports in embedded systems, 3D printers, test fixtures, and low-power industrial applications.

Package contents

- 1× USB 2.0 HUB module 4× USB-A with USB-C input (DPS, without cables and without cover).

Why choose this product?

- Very compact dimensions and clean port layout – easy integration into devices.
- Reliable XL334P4 controller and full compatibility with USB 2.0 Hi-Speed.
- 500 mA input current protection for safer operation of low-power peripherals.
- Plug & Play without the need for drivers, immediately ready to use.
- Excellent price, size and function ratio for hobby and professional projects.

Product gallery:

