PORTCTRL SERIES

# UF311-CSM1

EN

Rev 1.0 | 2026-11-11

Tittron USB3.2 Gen1 (5Gbps) 4-Port Hub | Aluminum Housing | Independent On/Off Switches + Per-Port Power LEDs

## PRODUCT OVERVIEW

The **PortCtrl** UF311-CSM1 is a USB 3.0 hub with an upstream USB Type-C male connector and four downstream USB Type-A female ports. Each port has a dedicated on/off switch that cuts both power and data, paired with an independent power indicator LED. It is ideal for finance offices, MIDI studios, desktop workstations and electronic test benches to manage security tokens, MIDI controllers, USB audio interfaces, test instruments, flash drives and adapters. There is no need to repeatedly unplug cables; individual devices can be toggled directly, while LEDs provide clear visual confirmation of port power status.

It supports transfer speeds up to 5Gbps and is backward compatible with USB2.0 / 1.1. The aluminum alloy shell delivers improved heat dissipation and noise immunity. This bus-powered hub works plug-and-play without drivers and is compatible with Windows, macOS, Linux and ChromeOS.



**Tittron PortCtrl UF311-CSM1**
USB3.2 Gen1 4-Port Controlled Hub

## KEY FEATURES

- Member of the Tittron **PortCtrl** controlled USB peripheral family
- USB 3.0 with 5Gbps bandwidth, backward compatible with USB2.0 / 1.1
- Independent on/off switch for each port, controlling both power and data lines
- Dedicated power LED on every downstream port
- Rugged aluminum alloy housing for superior thermal performance and EMI shielding
- Bus-powered, driver-free plug-and-play operation
- Broad OS support: Windows, macOS, Linux, ChromeOS
- Built for peripheral management in studios, finance and laboratory stations

## IMPORTANT NOTES

- This unit is bus-powered only. Do not attach high-current devices to avoid unstable connections or dropped devices.
- Each switch controls both power and data; the corresponding LED illuminates when the port is active.
- Do not toggle switches during active data transfers to prevent data corruption.
- Wi-Fi and Bluetooth radio adapters are not recommended: USB 3.0 generates inherent 2.4 GHz band interference.
- Avoid daisy-chaining hubs, which commonly causes bandwidth exhaustion and recognition failures.
- Power down idle security tokens and keys to reduce exposure to unauthorized access.

# UF311-CSM1

Specifications & Application Use Cases



## SPECIFICATIONS

### ELECTRICAL & INTERFACES

| | |
|---|---|
| **Host Interface** | USB 3.0 Type-C Male |
| **Downstream Ports** | 4 × USB 3.0 Type-A Female |
| **Data Rate** | Up to 5Gbps, backward compatible with USB2.0 / 1.1 |
| **Port Control** | Independent on/off switch per port (power + data) |
| **Indicators** | Dedicated power LED for each downstream port |
| **Power Supply** | Bus-powered |
| **Housing Material** | Aluminum Alloy |
| **Supported Operating Systems** | Windows, macOS, Linux, ChromeOS |
| **Operating Temperature** | 0°C ~ 45°C |
| **Storage Temperature** | -20°C ~ 70°C |

## APPLICATION SCENARIOS

- Financial Offices: Security tokens, tax dongles and digital identity keys. Cut power to idle tokens without unplugging.
- Audio & MIDI Studios: MIDI controllers, USB audio interfaces and USB effects pedals.
- Electronic Test Benches: Programmers, logic analyzers and USB serial testers.
- Designer Workstations: Drawing tablets, software security dongles and portable SSDs.
- Industrial & IT Administration: USB license keys, debug adapters and inspection flash drives.
- Live Streaming Stations: USB capture cards, external sound cards and USB cameras.


Tittron | www.tittron.com | sales@tittron.com
Unified Social Credit Code: 91440300072545114C