



## Technical Data Sheet

# 16 Port USB 3.0 Metal Hub w/Surge Protection – Rack/DIN-RAIL Mountable

Model Number: USB3-16U1



The USB3-16U1 USB 3.0 16 Port USB 3.0 DIN-Rail mounted hub provides an ideal solution for expanding your application by 16 USB 3.0 ports. All ports support Charge and Sync Simultaneously and standard screw lock type USB cables for a secure connection. The 2-Pin self power input connector uses 1 pin for positive voltage and the other pin for a GND connection.

### Features

- Compliant with USB Specification Rev. 3.0
- Din-Rail, Rack, and Wall mountable Metal Case
- Supports High-Speed and or Full-Speed Packet Protocol Sequencer for Endpoint 0/1
- Provides 16 Downstream facing ports
- Supports Self-Powered Mode Only
- Supports 350-Watt Surge Protection for Each Port
- Supports USB Battery Charging: CDP and DCP Modes
- Includes Din Rail Mounting Clips

### Product Information

- **Model Number:** [USB3-16U1](#)
- **Packing List:**
  - 16 Port Metal USB 3.0 Hub
  - DIN Rail Mounting Clips and Screws
  - Mounting Brackets
  - 6ft. USB 3.0 A to B Cable (Non Screw Lock)
- **Optional Accessories:** Does not include High Capacity Power Supply; power supply for this product is SKU # [PS-HC24V](#)

## Specifications

### OVERVIEW

Product Type	USB 3.0 Hub (Backward compatible with USB 2.0/1.1)
Electrical Protections	350 Watt Surge Protection
Mountable	Surface, DIN Rail, and Rack Mounting (DIN Rail Clips Included)
Construction	Metal
Applications	Data Centers, Automotive peripheral installation, Machine Equipment, Kiosk, Office, Charge and Sync, and others
Certs / Compatibility	RoHS, CE, FCC, WEEE

### CONNECTIONS

Type-A Downstream Ports	16
Type-B Upstream Ports	2 (Can be toggled)
+12 – 24V Input Power	2-pin terminal block connector

### AVAILABLE POWER MODES

Mode 1	N/A
Mode 2	Self power source (+12~24VDC from 2-pin terminal connector)

### ENVIRONMENTAL

Operating Temperature	0 to 55°C (32 TO 131°F)
Operating Humidity	5 to 95% RH
Storage Temperature	-20°C to 85°C (-4 to 185° F)

### DIMENSIONS

Length	12.15in
Width	5.12 in
Height	1.74 in

### OS SUPPORT

Windows	Windows 2000, 2003, CE, Vista, Windows 7, Windows 8, Windows 10
Other	Linux and Mac OS 10.X

### LED

Power	1 (green)
Ports	1 per USB Type-B Port when toggled

### WARRANTY

Warranty Period	1 year from date of purchase
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### PRODUCT URL

USB3-16U1 Product Page	<a href="https://www.coolgear.com/product/16-port-usb-3-0-metal-hub-surge-protection-din-rail-mounting-kit">https://www.coolgear.com/product/16-port-usb-3-0-metal-hub-surge-protection-din-rail-mounting-kit</a>
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