

# CoolGear USBG-7DU2 7-Port USB2.0 Hub w/ DIN RAIL Mounting Kit

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- ✓ Compliant with USB Specification Revision 2.0
- ✓ Metal Case with DIN RAIL Mounting Kit for Industrial Critical Applications
- ✓ Built-in NEC uPD720113 USB2.0 Hub Controller
- ✓ Supports High-speed and or Full-speed Packet Protocol Sequencer for Endpoint 0/1
- ✓ Provides 7 Downstream Facing Ports
- ✓ All USB Connectors Support Screw-Lock Feature
- ✓ Supports 480Mbps, 12Mbps and 1.5Mbps Speed
- ✓ One Transaction Translator per Hub and Supports 4 Concurrent Non-periodic Transactions
- ✓ Supports Self-powered and Bus-powered Mode
- ✓ Supports 2-pin Terminal Block Power Connector



## INTRODUCTION

The USBG-7DU2 is an USB2.0 Hub that comply with the Universal Serial Bus (USB) Specifications Revision 2.0 and work up to 480Mbps. It provides 7 downstream facing ports with standard A-type USB2.0 connectors.

With NEC uPD720113 USB2.0 controller, it works backward compatible either when any one of downstream port is connected to an USB1.1 compliant device, or when the upstream port is connected to a USB1.1 compliant host.

The USBG-7DU2 also provides a unique feature to work in the bus-powered mode without an external AC power adapter. It's very convenient for light power consumption USB devices to work in this mode without an extra power supply. Only plug then go ahead. Besides, the external 2-pin Terminal Block Connector is used for self-powered mode if you need more power on the 7 downstream ports.

Since the USB is the most popular external port for the devices to connect to PCs, the USBG-7DU2 provides an ideal solution to expand your USB ports immediately and save your investment.

## SPECIFICATIONS

### System

For Systems with USB2.0 or USB1.1 Ports

### USB2.0 ports

Provides 7 USB downstream ports which managing up to 480Mbps:

- Compliant with USB Specifications 2.0
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- Provides 7 Downstream Facing Ports
- All USB Connectors Support Screw-Lock Feature
- Supports 480Mbps, 12Mbps and 1.5Mbps Speed
- One Transaction Translator per Hub and Supports 4 Concurrent Non-periodic Transactions
- Supports Self-powered and Bus-powered Mode
- 2-pin Terminal Block Power Input Connector

### USB Devices

Supports keyboard, mouse, monitor, scanner, printer, PC Camera, telephone, CD-ROM drive, joystick, virtual reality helmet, modem, PBX and many more USB devices

### I/O Hardware

- Supports 7 external USB2.0 Type-A connectors and 1 Type-B Upstream connector.
- Supports a 2-pin Terminal Block Connector for external DC power input

### Environmental:

Operating Temp.: 0 to 55°C (32 to 131°F)

Storage Temp: -20 to 85°C (-4 to 185°F)

Operating Humidity: 5 to 95% RH

### Form Factor

5.23" (L)x2.42" (W)x1.43" (H) (13.30x6.15x3.63 cm)

