

USB-2560

4-port Industrial USB 2.0 Hub

Features

- Compliant with USB Specification Revision 2.0
- Provides 4 Downstream Ports
- Supports High-speed (480 Mbps) and Full-speed (12 Mbps)
- Only Supports Self-powered Mode +10 ~ +30 V_{DC} Power Input (power adapter included for USB-2560/S)
- Supports Downstream Port Status with LED
- DIN-Rail

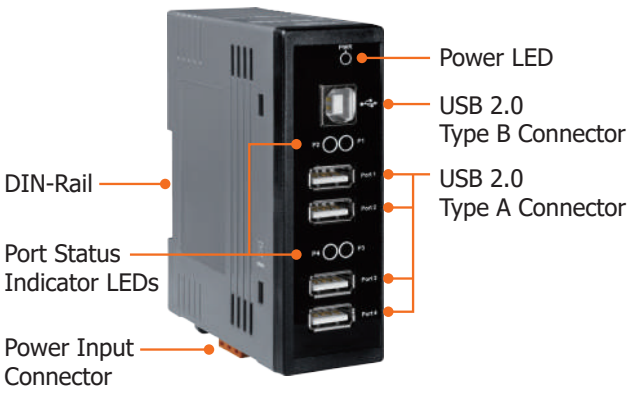
Introduction

The USB-2560 allows you to add multiple high performance USB 2.0 peripheral devices to your computer (Or XP-8000 series). It supports the USB 2.0 high-speed mode that can achieve 480 Mbps data transmitting rate. The USB-2560 only supports self-powered mode (drawing power from an external power supply). Externally powered USB hubs are the only way to guarantee the broadest compatibility for USB devices.

Specifications

USB	
Ports	4
Specification	USB 1.1 and USB 2.0 standard compatible
Transfer Speed	480 Mbit/s-high speed mode 12 Mbit/s- full speed mode 1.5 Mbit/s-low speed mode
Supply Current	500 mA Max. per port
Connector	1 x Upstream (Type B) 4 x Downstream (Type A)
LED Indicators	
Status	1 x Power 4 x Downstream Ports
Power	
Input Range	+10 ~ +30 V_{DC}
Consumption	0.25 A @ 24 V_{DC} for 250 mA per port. 0.5 A @ 24 V_{DC} for 500 mA per port.
Mechanical	
Casing	Plastic
Dimensions (mm)	33 x 107 x 78 (W x L x H)
Installation	DIN-Rail Mounting
Environmental	
Operating Temperature	0 ~ +75 °C
Storage Temperature	-20 ~ +80 °C
Humidity	10 ~ 90% RH, non-condensing

Appearance



LED Indicator Functions

LED	Color	Description
Power	Red On	Power is On
	Red Off	Power is Off
P1~P4	Green On	Device ready for work
P1~P4	Green Off	Device not ready to work

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Pin Function for Terminal Block: Power Input Connector

External power supply is connected using the removable terminal block:

+Vs : Power input (+10 ~ +30 V_{DC}) and should be connected to the power supply (+)

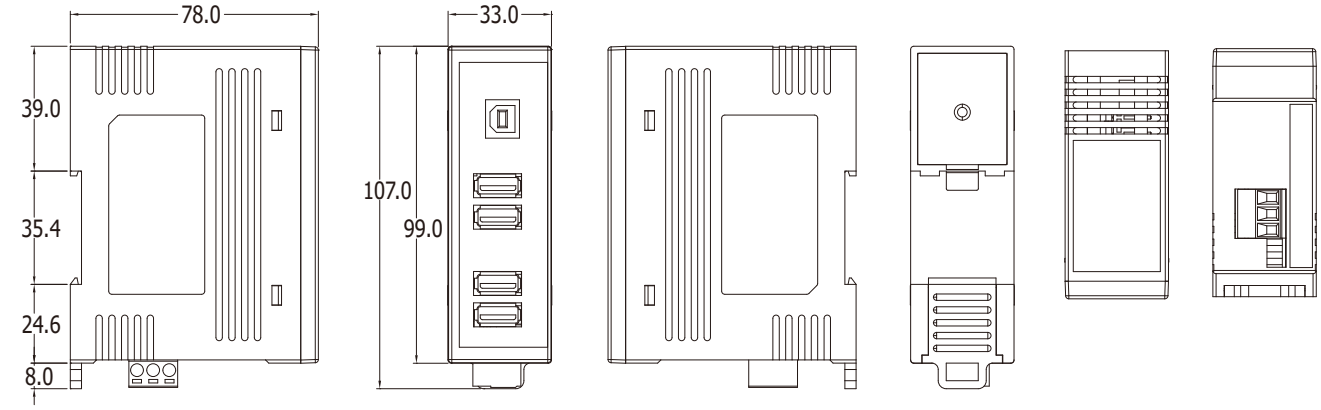
GND: Ground and should be connected to the power supply (-)

F.G. : F.G. stands for Frame Ground (protective ground). It is optional. If you use this pin, it can reduce EMI radiation; improve EMI performance and ESD protection.

Notes:

1. The USB-2560 only supports self-powered mode (Self-powered mode means the USB Hub is being powered by an external power supply).
2. 480 Mbps is shared by all 4 ports on USB-2560.

Dimensions (Units: mm)



Ordering Information

USB-2560 CR	4-port Industrial USB 2.0 Hub (RoHS) Includes CA-USB18 Cable (USB 2.0 A-Male to B-Male Cable, 1.8 M)
USB-2560/S CR	4-port Industrial USB 2.0 Hub (RoHS) Includes CA-USB18 Cable and GPSU06U-6 Power Supply

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