

USB-2560

4-Port Industrial USB 2.0 Hub



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.

Features:

- Compliant with USB Specification Revision 2.0.
- Built-in NEC uPD720114 USB 2.0 Hub Controller.
- Provides 4 Downstream Ports.
- Supports High-speed (480 Mbps) and Full-speed (12 Mbps).
- Only Supports Self-powered Mode.
- +10~ 30 VDC Power Input (power adapter included for USB-2560/S).
- Supports Downstream Port Status with LED.
- DIN-Rail.

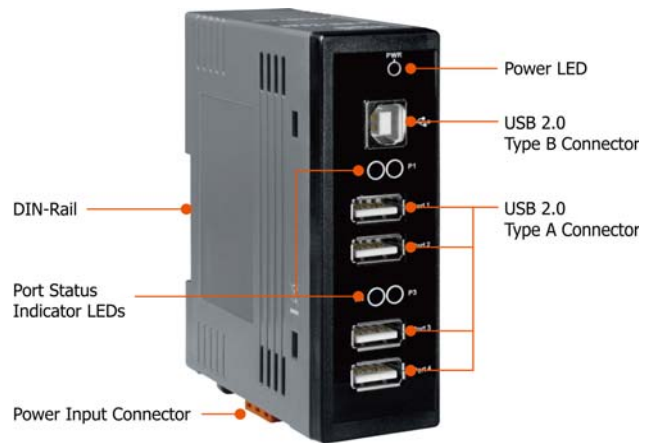
Specifications:

Interface	
Ports	Upstream x 1 (Type B)
	Downstream x 4 (Type A)
Compatibility	Universal serial bus
	Specification Rev. 2.0/1.1/1.0
Transfer Speed	480 Mbit/s-high speed mode
	12 Mbit/s- full speed mode
Supply Current	500 mA Max. per port
Power Supply Included (USB-2560/S Only)	GPSU06U-6 x 1 for 250mA per port
LED Indicators	
Power	1 LED
Downstream Ports	4 LEDs
Power	
Input Voltage Range	+10 ~ +30 VDC
Power Consumption	0.25 A @ 24 VDC for 250mA per port.
	0.5 A @ 24 VDC for 500mA per port.
Power Input Connection	Removable 3-Pin Terminal Block
Mechanical	
Dimensions (W x L x H)	33 mm x 78 mm x 107 mm
Installation	DIN-Rail
LED Display	
Operating Temperature	0 °C ~ +70 °C
Storage Temperature	-20 °C ~ +80 °C
Humidity	10 ~ 90% RH, non-condensing

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

Appearance:



Pin Function for Terminal Block: Power Input Connector

External power supply is connected using the removable terminal block:

+Vs : Power input (+10 ~ +30 VDC) 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. 480Mbps is shared by all 4 ports on USB-2560.

Dimensions: Unit: mm

