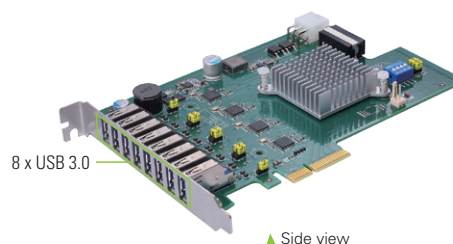
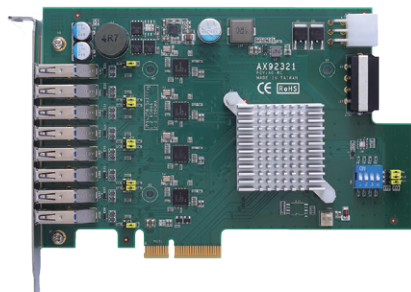


AX92321 NEW

4-port/8-port USB 3.0 PCI Express Card with 4 Independent Host Controllers

Features

- Four or eight USB 3.0 ports
- Four independent USB 3.0 host controllers
- 900 mA/1500 mA max. per port configurable via jumper settings
- Compliant with USB 3.0 Rev.1.0 and Intel® xHCI Rev.1.0
- PCI Express x4 interface
- Operating temperature from 0°C to 70°C
- Supports Windows 7/10
- Supports each port's power on/off via software settings



Introduction

The AX92321 has two versions – 4-port or 8-port – for users to choose from for various applications. The 4-port AX92321-4U has four independent Renesas μ PD720202 USB 3.0 host controllers to offer up to 5 Gbps bandwidth per port, even when four ports are used simultaneously. The AX92321-4U/8U can be configured to support maximum 900mA or 1500mA current output to supply stable power for various external USB devices. The AX92321-4U/8U also support power on/off control for each port via software settings. This USB 3.0 PCI Express card is able to operate under a wide operating temperature range of 0°C to 70°C, allowing it to be used in harsh environments for vision and factory automation applications.

Specifications

USB	
Channels	4 x USB 3.0 type A connector (AX92321-4U) 8 x USB 3.0 type A connector (AX92321-8U)
Controller	4 x Renesas μ PD720202 host controllers Compliant with USB 3.0 specification and Intel® xHCI specification, revision 1.0
Max. Current	900/1500 mA maximum per port configurable via jumper settings
Data Transfer Rate	Super speed (5.0 Gbps)/high speed (480.0 Mbps)/full speed (12.0 Mbps)/low speed (1.5 Mbps)

General

Bus Type	PCI Express x4 Gen2
Power Requirements	Power from PCIe slot 2.1A @ +12V 0.8A @ +3.3V Power from ATX power connector 5A @ +12V or 2.5A @ +24V 0.8A @ +3.3V (from PCIe slot) Power from 4P Molex power connector 5A @ +12V 0.8A @ +3.3V (from PCIe slot)
Dimensions	168 mm (6.6") x 107 mm (4.2")
Power Connector	4-pin Molex connector 6-pin ATX power connector
Operating Temperature	0°C to +70°C (+32°F to +158°F)
Storage Temperature	-20°C to +80°C (-4°F to +176°F)
Operating Humidity	10 - 95% RH, non-condensing
Certifications	CE compliance
OS	Windows 7/10 (32/64bit)
Software	Each port's power on/off is controlled by software

Ordering Information

AX92321-4U (P/N: E392321101)	4-port USB3.0 PCI Express card with 4 independent USB 3.0 host controllers
AX92321-8U (P/N: E392321100)	8-port USB3.0 PCI Express card with 4 independent USB 3.0 host controllers