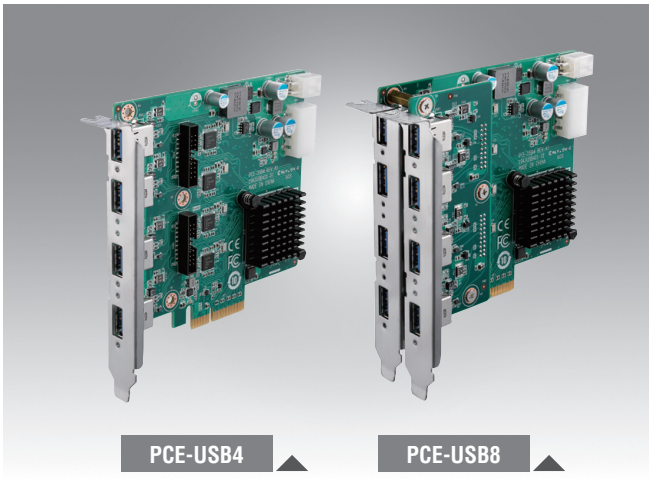
PCE-USB4 (4 ports)
PCE-USB8 (8 ports)

PCI Express x4, 4/8-Port USB 3.0 Expansion Card



Features

- Four USB 3.0 host controllers
- Supports 1500mA Max. current per port
- Supports four or eight USB 3.0 ports
- Compliant with USB 3.0 specification and Intel® xHCI specification, revision 1.0
- PCI Express x4 interface
- Supports Microsoft Windows 7/8.1/10 and Linux operating systems

Introduction

PCE-USB4 is a 4-port PCIe x4 expansion card aimed at industrial imaging applications. Featuring four independent Renesas µPD720202 USB 3.0 host controllers, a Gen 2 PCI Express® x4 interface, and a per-port bandwidth of 5 Gbps when operating four ports simultaneously, PCE-USB4 delivers maximal per-port performance. PCE-USB4 features four USB 3.0 ports (for expansion, PCE-USB8 features eight USB 3.0 ports) with 1500 mA current to ensure stable power for external USB devices. PCE-USB4 is a high-bandwidth industrial-power expansion card designed for machine vision, factory automation, and medical applications, as well as any other applications that require high data transfer speeds.

Specifications

USB	Interface	PCI Express x4
	Connector	4 x USB 3.0 Type A (PCE-USB4-00A1E) 8 x USB 3.0 Type A (PCE-USB8-00A1E)
	Host Bus	4-lane Gen 2 PCIe interface, compliant with PCI Express Base Specification, Revision 2.0
	Controller	4 x Renesas µPD720202 host controllers Compliant with Universal Serial Bus 3.0 Specification and Intel® xHCI Specification, Revision 1.0
	Max. current	1500 mA maximum per port
	Data Transfer Rate	Super speed (5.0 Gbps)/high speed (480.0 Mbps)/full speed (12.0 Mbps)/low speed (1.5 Mbps)
Environment	Operating Temperature	0 ~ 60 °C
	Storage Temperature	-40 ~ 85 °C
	Dimensions (L x H)	118 x 111 mm (4.64" x 4.37")
	Certifications	CE/FCC, Class B

Ordering Information

Part Number	Description
PCE-USB4-00A1E	PCIe x4, 4-port USB 3.0 expansion card
PCE-USB8-00A1E	PCIe x4, 8-port USB 3.0 expansion card

I/O View

PCE-USB4-00A1E

PCE-USB8-00A1E

Note: Indicated USB3.0 port cannot support USB3.0 type A locking cable.