PCE-USB4V2

PCI Express x4 USB3.2 Gen2



Features

- Three USB3.2 host controllers
- Supports 3000mA Max. current per port
- Support four USB3.2Gen2 port
- Compliant with USB 3.2 specification and Intel® xHCI specification, revision 1.1
- PCI Express x4 interface
- HW/SW Reset function
- Supports Microsoft Windows 7/8.1/10/11 and Linux operating systems

Introduction

PCE-USB4V2 is a 4-port PCIe x4 expansion card aimed at industrial imaging applications. Featuring three independent Asmeida 3142 USB 3.2 host controllers, a Gen 3 PCI Express® x4 interface, and a per-port bandwidth of 10 Gbps when operating three ports simultaneously, PCE-USB4V2 delivers maximal per-port performance. PCE-USB4V2 features USB 3.2 ports with 3000 mA current to ensure stable power for external USB devices. PCE-USB4V2 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 3.2 Gen2 Type A (PCE-USB4V2-00A1)
	Host Bus	4-lane Gen 3 PCIe interface, compliant with PCI Express Base Specification, Revision 3.1a
	Controller	3 x Asmedia 3142 host controllers Compliant with Universal Serial Bus 3.2 Specification and Intel® xHCI Specification, Revision 1.1
	Reset	Hardware/Software reset function
	Max. current	3000 mA maximum per port
	Data Transfer Rate	Super speed+ (10.0 Gbps)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-USB4V2-00A1	4 USB3.2 Ports 10G expansion card(PCIex4)

I/O View



PCE-USB4V2-00A1

Note: The first USB3.2 Gen2 port does not support USB type A locking cable.

All product specifications are subject to change without notice.