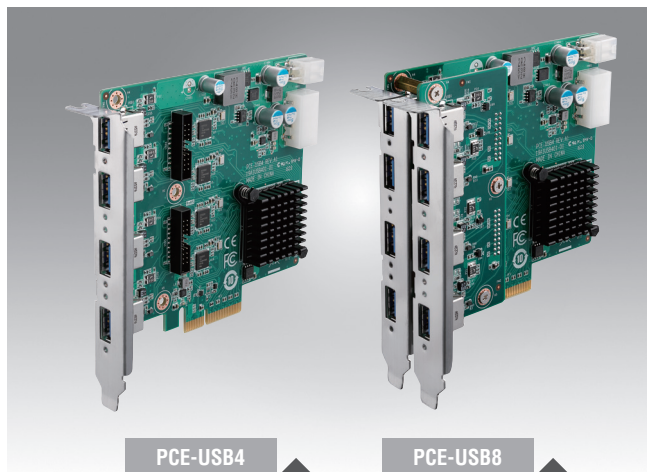


# PCE-USB4 (4 ports) PCE-USB8 (8 ports)

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



### Features

- Four USB 3.0 host controllers
- Support 1500mA Max. Current per Port
- Supports four or eight USB 3.0 ports
- 3 or 6 Ports with Locking connector compliant with USB3 Vision V1.0 Standard-A
- Compliant with USB 3.0 Specification and Intel® xHCI Specification, Revision 1.0
- PCI Express x4 interface
- Supports Microsoft Windows 7/8.1 and Linux operating systems



### Introduction

PCE-USB4 is a 4-port PCIe x4 expansion card aimed at industrial imaging applications. Featuring four independent Renesas  $\mu$ PD720202 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 $\mu$ PD720202 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 - 70 °C
	Storage Temperature	-40 - 85 °C
	Dimensions	118 x 111 mm
	Certifications	CE/FCC

### 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

### Optional USB3.0 Cable

Part Number	Description
1700025427-01	USB 3.0 cable, 5 m, Micro B (locking) to Type A
1700025428-01	USB 3.0 cable, 3 m, Micro B (locking) to Type A
1700025429-01	USB 3.0 cable, 5 m, Micro B (locking) to Type A (locking)
1700025430-01	USB 3.0 cable, 3 m, Micro B (locking) to Type A (locking)

### I/O View



PCE-USB4-00A1E

PCE-USB8-00A1E