4-Slot PCIe Expansion Chassis with PCIe x2 Host Card, PCIe 2.0 - 10Gbps, External PCIe Slots for Desktops/Servers, PCI Express Expansion Box/Adapter, 4 PCIe x1 Slots

Product ID: 4PCIE-PCIE-ENCLOSURE

The robust expansion chassis supports up to 4 PCIe x1 add-on cards and features up to 10Gbps of total bandwidth. The expansion chassis connects to the host using a proprietary USB-C PCIe x2 adapter card and a locking USB Type-C cable.

The chassis communicates with the desktop computer or server using a host card (PCIe 2.0 x2) in combination with the 5.9ft (1.8m) USB Type-C (USB-C) cable with screw-locks. The included low-profile bracket widens the compatibility as you can install the host card in small form factor (SFF) systems. Features support for PCI-E Advanced Error Reporting (AER) and EndPoint Cyclic Redundancy Check (ECRC). Both of these PCIe features to aid in establishing and maintaining PCIe connections between devices.

The PCI express expansion box does not require drivers to be installed. It's operating system independent; meaning it can be used in Windows, Linux, or macOS. Note: the expansion cards installed in the chassis may require drivers.

The expansion chassis is built with SECC galvanized steel, enabling it to operate in harsh environments. It features an operating temperature range of 32 to 140F (0 to 60C). The vented design of the chassis allows for passive cooling and quiet operation. Secure the enclosure to the desired location using the mounting brackets and included hardware.

Power the expansion chassis using the included 12V 3A power adapter or the terminal block port that supports 12 to 24V and 3A.

There are multiple application scenarios:

• Upgrade or swap cards with ease.

• Test hardware between multiple computers, operating systems, or with different devices/peripherals.

• Maximize the I/O capabilities of the host system by installing Ethernet or fiber, USB, serial, or parallel PCIe cards.

Avoid costly computer/server upgrades when more expansion slots are unavailable.

The external PCIe slots for desktop is backed for two years, including free lifetime 24/5 multi-lingual technical assistance.

Certifications, Reports and Compatibility

Applications

Features

• EXPANSION CHASSIS FOR PCIE CARDS: Increase the PCI-e slot count of a desktop computer or server; Add four external PCIe x1 slots; PCI Express 2.0 x2 proprietary USB-C Host Card with locking port; 5.9ft (1.8m) USB-C locking cable included

• RUGGED CONSTRUCTION: PCI Express expansion box is built with SECC steel to withstand harsh conditions and up to 140F (60C); Vented chassis for cooling; Quiet operation; Power adapter (12V 3A) included, terminal block port (12-24 VDC) available

• HASSLE FREE UPGRADES: Connect add-on cards (e.g., USB, Ethernet, SFP, Serial, and I/O Cards) to a host system with limited expansion slots; Implement fast deployments and reduce the cost and downtime required to configure an existing or new host system

• COMPATIBILITY: This PCIe expansion chassis is OS independent and requires no additional software; Windows, macOS, and Linux are supported; Installed add-on card may require additional drivers and specific supported OS; Not meant to be used with GPUs

• THE IT PRO'S CHOICE: Designed and built for IT Professionals, this external PCIe expansion chassis for desktop is backed for two years, including free lifetime 24/5 multi-lingual technical assistance

Hardware

	Warranty	2 Years
	Interface	PCI Express
	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)

	Port Style	Integrated on Card
	Industry Standards	PCI Express 2.0 , USB Type-C
	Chipset ID	ASMedia - ASM1806

Performance

	Maximum Data Transfer Rate	10 Gbps
	Maximum Cable Length	5.9 ft [1.8 m]

Connector(s)

	Connector A	1 - PCI Express x2
		1 - USB 3.2 Type-C (24 pin, Gen 2, 10Gbps)
	External Ports	4 - PCI Express x1 Slot
		1 - Terminal Block (2 Wire)
		1 - USB 3.2 Type-C (24 pin, Gen 2, 10Gbps)
		1 - Barrel Power Connector (Size M, OD:5.50, ID: 2.10)

Software

	OS Compatibility	No additional drivers or software required

Special Notes / Requirements

	Note	The PCIe to PCIe Expansion Chassis must be used with the included PCIe Host Adapter Card. It is not compatible with other USB Type-C cards or built-in computer ports.
		This product does not support hot-plugging of the USB Type-C cable. The chassis must be powered off before connecting or disconnecting the USB Type-C cable.
		This product only supports a single orientation of the USB Type-C cable. It must be used in the proper orientation where the screw-locking connector lines up correctly with the PCIe to PCIe Expansion Chassis and the PCIe Host Adapter Card.
		This product does not support graphics/video cards.
		Installed PCIe cards may require the installation of drivers. Check with the manufacturer of the PCIe cards for drivers and to confirm OS compatibility.

Indicators

LED Indicators	1 - Solid green = USB Type-C cable is in the correct orientation, Off = USB Type-C cable is not in the correct orientation	
	1 - Solid red - Power is On, Off = Power is Off	

Power

Power Source	AC Adapter Included and Terminal Block
Input Voltage	100 - 240 AC
Input Current	1A
Output Voltage	12V DC
Output Current	3A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	36W

Environmental

Operating Temperature	0 to 60C (32 to 140F)
Storage Temperature	-20 to 75C (-4 to 167F)
Humidity	5 to 95% (non-condensing)

Physical Characteristics

Color	Black
Material	Steel
Product Length	5.4 in [13.8 cm]
Product Width	16.2 in [41.1 cm]
Product Height	5.6 in [14.3 cm]
Weight of Product	5.1 lb [2.3 kg]

Packaging Information

Package Quantity	1
Package Length	7.9 in [20.0 cm]

Package Width	16.5 in [42.0 cm]	
Package Height	9.4 in [24.0 cm]	
Shipping (Package) Weight	13.2 lb [6.0 kg]	

What's in the Box

Included in Package	1 - PCIe to PCIe Expansion Chassis
	1 - PCIe Host Adapter Card
	1 - 6ft (1.8m) USB Type-C to C Male to Male Cable
	1 - Low-Profile Bracket
	1 - Power Adapter
	1 - Connettore Morsetto Elettrico
	2 - Mounting Brackets
	4 - Mounting Brackets Screws
	1 - Quick-Start Guide

*Product appearance and specifications are subject to change without notice.