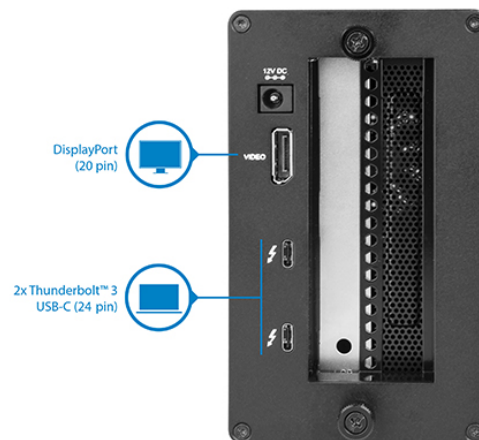


Thunderbolt 3 to PCIe M.2 adapter - Chassis + Card

Product ID: BNDTB4M2E1



This Thunderbolt 3 to PCIe M.2 adapter lets you take advantage of the speed of PCIe solid-state drives, connected externally to your Thunderbolt 3 desktop or laptop computer. The adapter combines the StarTech.com Thunderbolt 3 PCIe Expansion Chassis (TB31PCIEX16) and the M.2 PCIe SSD adapter card (PEX4M2E1), giving you a DisplayPort output and an additional Thunderbolt 3 port.



Boost your system speed and performance

Get ultra-fast data access by adding this PCIe M.2 SSD adapter externally to your existing Thunderbolt 3 computer, using the Thunderbolt 3 chassis -- improving your storage performance and expanding overall capacity. The adapter supports PCIe M.2 SSDs (NVMe and AHCI): 2242, 2260, 2280, and 22110 drives.

Extend your workstation

Connect additional displays through the chassis' dedicated DisplayPort output and second Thunderbolt 3 (USB-C) port (USB-C video adapter may be required). With two extended displays, you can multitask effortlessly, avoiding the hassle of repositioning open windows or programs repeatedly throughout your workday.

Install with ease

You can assemble and connect the adapter in minutes. Put it together using only a screwdriver then plug and play with no software or drivers required.

The PEX4M2E1 and TB31PCIEX16 are backed by a StarTech.com 2-year warranty.

Certifications, Reports and Compatibility



Applications

- Connect a PCIe M.2 SSD to your computer through your computer's Thunderbolt 3 port, to boost storage speed and increase data capacity
- Ideal for high-performance workstations for AV creators and editors
- Great for off loading large raw data files to high performance external storage, conserving system resources for day to day operations

Features

- Boost performance and productivity by externally adding a PCIe M.2 SSD to your Thunderbolt 3 computer via the Thunderbolt 3 chassis
- Create an efficient work station with the chassis' extra display options, using the DisplayPort output and additional Thunderbolt 3 port
- Upgrade your peripherals without having to upgrade your chassis, by just switching out your PCIe card
- Assemble and install easily with just a screwdriver and no software

Hardware	Warranty	2 Years
	Bus Type	PCI Express
	Chipset ID	Chassis: Intel - Alpine Ridge DSL6540 PCIe Card: N/A
	Fan(s)	Yes
	Industry Standards	Thunderbolt 3
	Interface	PCI Express
Performance	Maximum Data Transfer Rate	40 Gbps (Thunderbolt 3)
	Type and Rate	Thunderbolt 3 - 40 Gbit/s
Connector(s)	External Ports	1 - DisplayPort (20 pin) Female
Software	OS Compatibility	OS Independent
Special Notes / Requirements	Note	The expansion chassis does not support video cards.
		This expansion chassis does not provide full power delivery but will provide 15W of power, resulting in a slow charge to some laptops, such as MacBook Pro. When the dock is connected to your host laptop, a charging icon may appear on your laptop's screen. This is only sufficient enough to charge your laptop in sleep state, and charging will require an extended time period.
		5K support can only be achieved using a Thunderbolt 3 5K monitor. DisplayPort 5K monitors will not work with this expansion chassis.
		A 4K-capable display is required to achieve 4K x 2K resolution (4K is also known as 4K x 2K).
		Certain monitors may be limited to 4K at 30Hz when connecting through DisplayPort. These monitors include the following models: Dell P2715Q, Viewsonic VX2475Smhl-4K, Philips 288P6LJEB, LG 31MU97C-B, Asus PB287Q (these models will need to be set to 4K at 30Hz).
		When connecting a display to one of the Thunderbolt 3 USB-C ports, a USB-C video adapter might be required depending on the input of your display.
Indicators		Secondary Thunderbolt 3 port can also be used to connect USB 3.1 (10Gbps) USB-Type C devices, such as USB 3.1 Hubs. Backwards compatible with USB 3.0 (USB 3.1 Gen 1), and USB 2.0.
	System and Cable Requirements	Thunderbolt 3 equipped computer with a Thunderbolt 3 port.
	LED Indicators	1 - power indicator only

Power	Center Tip Polarity	Positive
	Input Current	2A
	Input Voltage	100 ~ 240 AC
	Output Current	5.417A
	Output Voltage	12 DC
	Plug Type	N
	Power Consumption (In Watts)	65
	Power Source	AC Adapter Included
Environmental	Humidity	Chassis: 20-80%RH PCIe Card: 15% ~ 90% RH
	Operating Temperature	Chassis: 5°C to 35°C (41°F to 95°F) PCIe Card: 5°C to 50°C (41°F to 122°F)
	Storage Temperature	Chassis: -20°C to 50°C (-4°F to 122°F) PCIe Card: -25°C to 70°C (-13°F to 158°F)
Physical Characteristics	Cable Length	19.7 in [500 mm]
	Color	Black
	Enclosure Type	Aluminum and Steel
	Product Height	3.2 in [82 mm]
	Product Length	11 in [280 mm]
	Product Weight	3.6 lb [1.6 kg]
	Product Width	5.6 in [142 mm]
Packaging Information	Shipping (Package) Weight	8.1 lb [3.6 kg]
What's in the Box	Included in Package	1 - Thunderbolt 3 PCIe expansion box
		1 - Thunderbolt 3 cable
		4 - rubber feet
		1 - universal power adapter (NA/JP, UK, EU, ANZ)
		1 - x4 PCI Express® to M.2 PCIe SSD Adapter
		1 - low-profile bracket
		1 - full-profile bracket (pre-installed)
		2 - quick-start guides
		1 - SSD standoff and installation screw
	Air Flow Rate	14.06 CFM

Bandwidth	3.94 GB/s (x4 PCIe 3.0)
Bus Type	Thunderbolt 3
Card Type	Standard Profile
Drive Connectors	1 - M.2 (NGFF, M-Key, PCIe x4)
External Ports	2 - Thunderbolt™ 3 USB-C (24-pin) Female
Fan Bearing Type	Sleeve Bearing
Fans	1 - 92 mm
Host Connectors	1 - PCI Express x4 Male
Interface	Thunderbolt
Internal Ports	1 - PCI Express x16 Female
Noise Level	24.55 dB

Product appearance and specifications are subject to change without notice.