

Thunderbolt 3™ PCI Express® Expansion with 3 Slots

Thunderbolt-3-to-PCIe Expansion Box with three x8 Gen-3 Slots

Model EB3T-V3



Connect PCI Express® Cards to Any Computer with a Thunderbolt Port

- Supports (3) full-length PCI Express cards
- Three slots x8 lanes Gen3 (slot 2, slot 3 and slot 4)
- Two slots accommodate x16 cards
- Thunderbolt 3 features speeds up to 40Gbps (5 GB/s)
- Daisy-chain up to six Thunderbolt devices
- 300W power supply with auxiliary power connectors



UNLEASH the **POWER!**

Connect PCI Express® Cards to a Thunderbolt™ equipped computer and experience blazing-fast data transfer.



PCI Express, meet Thunderbolt

The Magma ExpressBox 3T-V3 is designed to match the throughput established by Intel's Thunderbolt technology and the majority of PCIe cards on the market today. The expansion chassis contains three PCI Express slots connected to the computer through a Thunderbolt cable. Add or more PCIe cards to Magma ExpressBox 3T-V3 and your Thunderbolt 3 equipped computer turns into a powerful audio/video editing or scientific workstation.



High-Speed I/O Technology

Developed by Intel® and brought to market with collaboration from Apple, Thunderbolt technology is a high-speed I/O technology running at 40Gbps per second that brings together high-speed data transfer and high-definition (HD) display on to a single cable. High performance workflows are possible by connecting a Thunderbolt equipped computer to a Magma ExpressBox 3T-V3 containing PCIe cards for video capture, media transcoding, audio processing and fast data storage. And, because Thunderbolt is also based on DisplayPort technology, you can daisy chain a high-resolution display with your Magma ExpressBox 3T-V3.





Benefits:

- Attach PCIe cards to Thunderbolt equipped mobile and all-in-one computers
- Extension of PCI Express signals outside the computer
- Easily use PCIe cards with multiple computers
- Daisy-chain or end-point device

Features:

- Easy Plug and Play installation
- Use any combination of x1, x4, x8 and x16 PCIe cards
- Control fan speed and noise
- Hot-swappable cooling fan
- Additional blower fan for extra hot cards
- 300W Power Supply with auxiliary tabs

Rock Solid Innovation - PCI Express Expansion Made Simple

Magma ExpressBox 3T-V3 provides a seamless solution for using PCI Express cards with Thunderbolt 3 enabled computers. Many companies have a significant investment in PCI Express cards but as the size of computers gets smaller, available expansion slots have been reduced or completely eliminated. The Magma ExpressBox 3T-V3 system provides a migration path to Thunderbolt 3 enabled computers while protecting your investment in PCI Express hardware.

Thunderbolt to PCIe expansion is a natural evolution for Magma's ExpressBox family of products. Magma's expertise in developing products that extend PCI and PCI Express signals over a cable and outside the computer provides a reliable foundation for producing rock solid products that perform as expected even in the most demanding configurations.

EB3T-V3 – Front and Rear View

1. Power Indicator
2. PCIe card slot openings
3. Thunderbolt ports
4. Power cord socket

Hardware Included

5. Blower (if needed for cooling)
6. Carry Bag
7. German or US Power Cord



Configuration / Order Informations:

Order number	Model	Description
WM1-095-350	EB3T-V3	3-Slot Thunderbolt 3 to PCI Express Expansion
Option:		
WM1-126-500		EB3T, EB3T-DB and EB3T-V3 Mac Pro Rackmount Kit
WM1-129-419	TB-Cable-2m	2 meter Thunderbolt-3 cable

Specifications:

Backplane	System Cooling	Regulatory Compliance
(3) Full Length PCI Express Slots -three x8 PCIe Gen-3 Two slot accommodates x16	(1) Hot Swappable Fan (1) Removable Blower Fan	FCC Class A Verified RoHS Compliant CE Certified
Cable Required	Chassis Power Supply	
Thunderbolt (Sold Separately)	300 Watt Power Supply 100 to 240 VAC, 47 to 63 Hz Power Input Two auxiliary power tabs	
Interconnect Bandwidth	Environmental	Supported Operating Systems
40 Gbps Bi-directional	Ambient Temperature: 0° to 50° C, Storage Temperature: -20° to 125° C Relative Humidity: 0% to 95%, non-condensing	Windows 10 MacOS X 11.12 and newer
Enclosure	MTBF	Warranty
Aluminum Chassis 14.6"L x 4.3"W x 7.9"H (371mm L x 110mm W x 200mm H)	50,000 hours	1 year return to factory