

# ExpressBox 3T

3 SLOT THUNDERBOLT™ 2 TO PCI EXPRESS® EXPANSION

[http://www.ndttech.net/cn/product/pci\\_expansion/EB3T.html](http://www.ndttech.net/cn/product/pci_expansion/EB3T.html)



## CONNECT PCI EXPRESS® CARDS WITH THUNDERBOLT 2 TECHNOLOGY

- Supports (3) full-length PCI Express cards
- Two x8 and One x4 - PCIe Gen 2 (one slot accommodates x16 card)
- Thunderbolt 2 features speeds up to 20Gbps
- Daisy-chain up to six Thunderbolt devices
- 250W power supply with auxiliary power connectors



# MAGMA™ ExpressBox 3T

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

## PCI EXPRESS, MEET THUNDERBOLT

The Magma ExpressBox 3T 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 one or more PCIe cards to Magma ExpressBox 3T and your Thunderbolt 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 20Gbps 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 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.





## 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
- 250W Power Supply with auxillary tabs
- Optional built in drivebay for up to four (4) 2.5" SSD or SAS/SATA drives

## ROCK SOLID INNOVATION - PCI EXPRESS EXPANSION MADE SIMPLE

Magma ExpressBox 3T provides a seamless solution for using PCI Express cards with Thunderbolt 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 system provides a "migration path" to Thunderbolt 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 – 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. U.S. Power Cord

### OPTIONAL HARDWARE

8. Drivebay



## SPECIFICATIONS:

### MODEL NAME

EB3T: Thunderbolt 2 to PCIe  
Expansion - 3 Slot

### BACKPLANE

- (3) Full Length PCI Express Slots\*
- one x8 PCIe (accommodates x16 card)
  - one x8 PCIe
  - one x4 PCIe

### CABLE REQUIRED

Thunderbolt™ (sold separately)

### INTERCONNECT BANDWIDTH

20 Gbps Bi-directional

### HARD DRIVE SUPPORT

Optional drivebay for up to four (4) 2.5" SSD or SAS/SATA drives\*

### WEIGHT

EB3T: 6 lbs (2.72 kg)  
EB3T-DB: 7.65 lbs (3.47 kg)

### ENCLOSURE

Aluminum Chassis  
14.6" L x 4.3" W x 7.9" H  
371mm x 110mm x 200mm

### SYSTEM COOLING

- (1) Hot Swappable Fan  
(1) Removable Blower Fan

### POWER SUPPLY

250W Power Supply  
100-240 VAC, 50-60 Hz  
Two auxiliary power tabs

### ENVIRONMENTAL

Ambient Temperature: 0° to 50° C  
Storage Temperature: -20° to 60° C  
Relative Humidity: 5% to 85% non-condensing

### MTBF

50,000 hours

### REGULATORY COMPLIANCE

FCC Class A Verified  
RoHS Compliant



### SUPPORTED OPERATING SYSTEMS

Windows  
MacOS

### WARRANTY

Money back guarantee  
1 year return to factory



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Changsha Pengxiang Technology

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\*When using the drivebay, maximum card length is limited to 8.5"