

# ROBEN-3TS

Thunderbolt™ -to-PCIe Expansion Chassis



## Incredible Capacity & Precision Performance, Features Eight 2.5-inch Drive Bays

Provides expansion for up to three  
PCIe-based, full length cards

Eight 2.5" SATA/SAS HDD or SSD Drive Bays\*

Rack-mountable metal, 2U chassis  
(14.25" Wide x 3.48" High x 17" Deep)

540-watt power supply



Starting at \$1,799.00



ROBEN-3TS incorporates the best technology from our 'mission critical' defense and aerospace systems. ROBEN-3TS features three (3) full-length, full-height PCIe slots with a robust, high speed backplane. The rack-mountable aluminum chassis was designed for integrated removable storage expansion, with eight (8) 2.5-inch SATA/SAS HDD or SSD hard drive bays, a 540-watt power supply, auxiliary power, and features two (2) 40mm 6.37 CFM Bay Fans.

This added power can be channeled through lightning fast Thunderbolt technology at 10Gbps, with the option of 20Gbps bandwidth with the roll-out of Thunderbolt 2 capable devices. With 3-Slot PCIe and internal storage expansion, ROBEN-3TS empowers the serious audio, video, and design professional to transform their computer into a powerful workstation - a sidekick for the creative hero.

With the ROBEN-3TS, you will have the option of using the system in a desktop or rack-mounted configuration, adding higher versatility to your workflow. Also, by simply connecting two or more ROBEN-3TS systems in a series, you can create the performance equivalent of a server, without the cost and complexity.

The ROBEN-3TS is the perfect choice for reaching beyond the limits of your creative genius.

### Host Connection

Host side: Any Thunderbolt equipped computer with one or more Thunderbolt ports  
Expansion side: Two (2) Thunderbolt connectors supporting one host connection and one daisy chain out port

### Interconnect Bandwidth

Thunderbolt: 10Gbps (1.25GBps) Bi-directional

### Cable

Thunderbolt (sold separately)

### Technology

PCI Express Bus Specification Revision 2.0  
PCI Local Bus Specification Revision 2.3  
PCI Bridge Architecture Revision 1.2

### Backplane

Three (3) available full length/  
full height expansion slots  
Electrical: x8 PCIe  
Physical: x16 PCIe

### Enclosure

2U Aluminum Desktop - Black  
14.25" Wide x 3.48" High x 17" Deep  
(363mm x 88.4mm x 432mm)  
(8) 2.5" SATA/SAS HDD  
or SSD Drive Bays  
(Controller and Drives Sold Separately)  
8.5 lbs (3.6 kg)  
Tool-less cover removal  
White power-on indicator front panel light

### System Cooling

One 80mm 33.4 CFM  
Expansion Card/Backplane Fan  
Variable speed thermistor control  
option (or full speed)

### Power Supply

540W Standard  
AC Input: 100-240VAC  
Input Frequency: 50-60HZ  
Input Current: 8.0A Max  
DC Output: 540 Watts Max  
+12V 45.0A maximum  
-12V .5A maximum  
+5V 24.0A maximum  
+3.3V 24.0A maximum  
+5Vsb 3.0A maximum  
Total power on +3.3V and 5V  
must not exceed 150W max  
Auxiliary power cables:  
(4) 4-pin Molex connectors  
(2) 6-pin + 2 PCIe connectors  
(2) PCIe Connectors

### Environmental

Ambient Temperature:  
0°C to 50°C  
Storage Temperature:  
-40°C to 125°C  
Relative Humidity:  
10% to 90% non-condensing

### MTBF

35,000 Hours at 40°C

### Optional Chassis Features

Rack-mount kit

### Regulatory Compliance

FCC Class A Verified  
CE Certified  
RoHS Compliant

### Warranty

Money back guarantee  
1 year return to factory



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