

ROBEN-3TS

Thunderbolt™ 2-to-PCIe Expansion Chassis

http://www.ndttech.net/cn/product/pci_expansion/Roben-3TS2.html



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)

520-watt fanless power supply



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 520-watt fanless power supply, auxiliary power, and features two (2) 40mm 6.37 CFM Bay Fans.

This added power can be channeled through lightning fast Thunderbolt 2 technology at 20Gbps. 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 2: 20Gbps (2.5GBps) Bi-directional

Cable

Thunderbolt (sold separately)

Operating Systems

Mac OS X
Windows 7 or Higher

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

520-Watt Fanless Power Supply
AC Input: 100-240VAC
Input Frequency: 50-60HZ
Input Current: 8.0A Max
DC Output: 540 Watts Max
+12V 43.0A maximum
-12V .5A maximum
+5V 20.0A maximum
+3.3V 20.0A maximum
+5Vsb 2.5A maximum
Total power on +3.3V and 5V
must not exceed 100W max
Auxiliary power cables:
(5) 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

Chassis Features

Removable desktop feet
Rack-mount kit included

Regulatory Compliance

FCC Class A Verified
CE Certified
RoHS Compliant

Warranty

Money back guarantee
1 year return to factory



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