

# Transduction

Full Support of ISA Bus and Optimized  
For Windows NT O/S

## TR-BERTA-NT

6U Rack Mount Chassis w/ Intel P4 3.0GHz Processor



This 6U rack mount computer is a good example of the modern style “retro” computer optimized for the Windows NT O/S. It is powered by one of the most popular Intel processors 3.00 GHz Pentium 4 and Intel 865G chipset which has full support of the ISA bus. Combined with a modern RAID 0, 1, 3 or 5 SATA dual host swap disk subsystem, dual hot swap power supplies and CD/DVD-R/W and Floppy Drive this computer provides reliable vehicle for Windows NT O/S for many years to come.

### Features

- Reliable single board computer with ceramic capacitors.
- Intel 865G is the last chipset with full support of ISA bus.
- Large number of ISA and PCI option slots.
- Air chamber support for front air fans to optimize air flow.
- Adaptive temperature controller to extend life of air fans and to prevent excessive intake of dust..
- Dual hot swap 500W universal power supply with AC or DC input.
- Large capacity Seagate server class hard drives.
- CD-DVD-R/W drive.
- Floppy disk drive.
- Available from stock with warranty of 3 years and technical support for life.
- MTBF >100,000 hours based on our service records.
- Compatible with Windows 98/NT/2000/XP/VISTA, Windows 7, QNX & LINUX operating systems.

### TR-BERTA-NT

#### 6U Rack Mount Chassis w/ Intel P4 3.0GHz Processor

#### Specification

##### Processor

- Intel 3.00GHz P4 processor with 1MB cache

##### Chipset

- Intel 865G

##### Memory

- 2GB DDR memory

##### Gigabit LAN

- 2 x 1000Mbps ethernet ports

##### Video

- 865G integrated extreme graphics 2 engine
- SVGA DB15 connector

##### On Board I/O

- 1 x keyboard/mouse
- 2 x serial ports
- 1 x LPT port supports SPP/SCP/EPP mode
- 6 x USB ports - 2 front and 4 rear

##### Backplane

- Large number of ISA and PCI slots

##### Audio

- Rear audio connectors on filler plate

##### Drives

- 3 x 5.25" drive bays
- SATA CD-DVD-R/W
- optional floppy disk drive

##### Storage

- Seagate Constellation ES large capacity SATA server class hard drive
- Optional RAID 0, 1, 3 or 5 with hot swap canisters

##### Operating Temperature

- -30 ~ 50°C, 60°C for 2 hours (-22 ~ 122°F, 140°F for 2 hours)
- Relative humidity 10 ~ 90%, non-condensing

##### Storage Temperature

- -10 ~ 70°C (14 ~ 158°F)
- Relative humidity < 50%, non-condensing

##### Physical Dimensions

- 10.5" (6U) high, 19" wide and 17" deep.

##### Power

- Dual hot swap 500W PS2 universal AC/DC power supply
- 90 ~ 264VAC 50/60Hz
- DC input options - 24VDC, 48VDC, 125VDC and 250VDC

##### Cooling

- 4 x 5.25" front DC air fans in card cage
- Power supply fan

##### Shock & Vibration

- 15G/5G as per MIL STD810F

##### Compliance

- Electrical Safety Approval, FCC Class B, CE

##### Weight

- 73.6lbs, shipping weight: 78lbs

##### Size of Shipping Cartion

- 16" (H) x 25" (W) x 33" (L)

##### Warranty: 3 years

**Logitech USB keyboard and optical mouse included.**

##### Options

- Floppy disk for Windows NT users
- RAID 0, 1, 3 or 5 with hot swap canisters
- TR-CS pair of chassis slides for 24" deep rack mount cabinet with 30" extender
- Windows 98/NT/2000/XP operating systems, if LINUX required, must be installed by client
- Warranty extension from 3 years to 5 years