Transduction

Intel 3.00GHz P4 Processor w/ 1MB Cache

TR-GLORIA-PCI/ISA

4U Rack Mount Chassis w/ 12 x PCI and 2 x ISA Slots

Reliable replacement computer for industrial clients who must have true ISA bus and PCI for their data acquistion and control add-on cards. Based on the last Intel 865G chipset that fully supports true timing of the ISA bus. Transduction has purchased enough 865G chipsets to support clients who need ISA slots for many years.

Features

- Reliable industrial rack mount computer with 12 PCI slots and 2 true ISA 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.

- Up to 12 ISA slots, up to 18 PCI slots in BERTA 6U chassis.

- Intel 865G chipset with Pentium 4 3.00GHz processor with true timing for ISA bus.

- 460W universal power supply with AC or DC input.

- Optional dual hot swap universal 550W power supply.

- Solid state flash drives up to 512GB with SMART and SUPERCAP features.

- Optional dual hot swap SATA RAID1 4TB disk subsystem.

- 2 x RS232 serial ports and 1 x parallel printer port.

- 6 x USB ports.

- Available from stock with warranty of 3 years.

- MTBF >100,000 hours based on our service records.

- Compatible with Windows 98/NT/2000/XP, QNX & LINUX operating systems.

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Specification

Processor
- Intel 3.00GHz P4 processor with 1MB cache

Chipset
- Intel 865G

Memory
- 2 x DDR sockets, up to 2GB dual channel

Gigabit LAN
- 2 x 1000Mbs 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
- 12 x PCI option slots and 2 x PCI option slots

Audio
- Rear audio connectors on filler plate

Drives
- 3 x 5.25" drive bays
- SATA CD-DVD-R/W

Storage
- 60GB MLC flash drive with SMART and SUPER-CAP features or Seagate 500GB Constellation ES 24/7 hard drive

Operating Temperature
- -30 ~ 50ºC, 60ºC for 2 hours (-22 ~ 122ºF, 140ºF for 2 hours)
- Relative humidity 10 ~ 90%, non-condensing

Storage Temperature
- -10 ~ 70ºC (14 ~ 158ºF)
- Relative humidity < 50%, non-condensing

Physical Dimensions
- 7" (4U) high, 17" wide behind rack mount ears and 18" deep. Desktop version is all painted black and has no rack mount ears. It can be panel mounted with side brackets.

Power
- 460W PS2 style universal AC power supply
- 90 ~ 265VAC 50/60Hz
- DC input options - 24VDC, 48VDC, 125VDC and 250VDC

Shock & Vibration
- 15G/5G as per MIL STD810F

Compliance
- Electrical Safety Approval, FCC Class B, CE

Weight
- 35lbs, shipping weight: 40lbs

Size of Shipping Cartion
- 12" (H) x 24" (W) x 32" (L)

Warranty: 3 years

Logitech USB keyboard and optical mouse included.

Options
- Floppy disk for Windows NT users
- Higher capacity MLC/SLC flash and hard drives
- STARDOM PD3500 dual hot swap SATA RAID1
- Dual hot swap AC/DC universal 550W power supply
- 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