

### TR-SABRE

TR-SABRE 2U Rack Mount Computer w/ 4.3" LCD



#### TR-SABRE Industrial 2U Rack Mount Computer for OEM's with Touch LCD Display

The TR-SABRE is a reliable industrial 2U rack mount computer, designed primarily for OEM clients who have resources to develop object type display menus for their clients.

The TR-SABRE is powered by Intel P4, Core 2 Duo or Core 2 Quad 3.00GHz processors. It can accommodate up to 4GB memory. The computer is compatible with Microsoft 32/64-bit operating systems including Windows XP, Vista and Windows 2008.

The computer can be supplied with either ISA/PCI or PCI/PCIe backplane expansion slots. It includes 4.3" color LCD touch display that can be easily programmed with custom menus and function keys making the TR-SABRE a functional instrument with OS not accessible by the user.

Power options include 90-260VAC, 47-440Hz, 12VDC, 24VDC, 48VDC, 125VDC and 250VDC

This computer has proven to be very reliable in many industrial applications from military, power utilities and process control. Warranty is 3 years.

### TR-SABRE

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#### Specification

##### Model

- TR-SABRE rack mount industrial computer w/ steel baked epoxy black front panel and precision chassis made of steel

##### Processor

- Intel 3.00GHz P4, Core 2 Duo or Core 2 Quad processor

##### Display

- 4.3" TFT LCD Display
- Resolution - 432 x 240 (WQSVGA)
- Backlight MTBF - 50,000 hours
- Brightness - 250cd/m<sup>2</sup>
- Contrast Ratio - 750:1
- Resistive Touch Screen

##### Memory

- 2 x 184-pin DIMM sockets
- Max capacity: up to 4GB DDR

##### Expansion Slots

- Seven slot backplane with one PICMG CPU card, 4 x PCI and 1 x SBC

##### Drive Bay

- 21 x 40-pin removable Flash DOM

##### External SVGA Port

- 82865GV 16MB 1600 x 1200 x 32-bit @ 60Hz

##### Ethernet

- 2 x Intel Pro 100/1000+ Mbps Fast Ethernet ports

##### Solid State Drive

- Supports internal high speed Flash SSD up to 256GB

##### Watchdog Timer

- 1 ~ 256sec

##### Air Flow

- Optimized air flow with 2 x 47CFM (card cage) and 43 CFM (power supply) quality air fans

#### I/O

- 1 x external SVGA DB15 port
- 2 x serial RS-232 ports
- 1 x parallel port
- 2 x USB 2.0 ports
- 2 x RJ-45 LAN ports
- PS/2 keyboard/mouse connectors

#### Operating Temperature

- 0 ~ 50°C (32 ~ 122°F), 60°C (140°F) for 2 hours

#### Storage Temperature

- -20 ~ 85°C (-4 ~ 185°F)

#### System Monitor

- Features include processor temperature, system temperature and DC power voltages

#### Humidity

- Relative humidity 10 ~ 90%, non-condensing

#### Power Supply

- Output rating - 300W
- Input voltage - 100~240VAC @ 47/63Hz, optional 440Hz
- Optional DC input power - 12V, 24V, 48V, 125V and 250V
- Safety - UL/cUL/TUV/FCC/CE approved

#### EMI

- FCC Class B

#### MTBF

- > 80,000 hours

#### Chassis Colors

- Black, OEM color optional

#### Weight

- 15 lbs

#### Dimensions

- 19" (W) (17" behind ears) x 3.5" (H) (undersized 1/16") x 17" (D)

Compatible with **LINUX, QNX** and all versions of **Microsoft Windows**

**Warranty:** 3 years