Transduction

TR-5190

Reliable 19" Workstation with Single Board Computer for trouble free operation and ease of service

TR-5190 NEMA 4 Panel Mount or Rack Mount PC with 19" LCD Touch Screen

This new PC offers 19" bright (250 cd/m ^{2} with contrast ratio 750:1) TFT LCD display with touch screen capability and has 6 backplane ISA/PCI expansion slots. Panel mount version is easily installed on panels with (no studs) TR-Fastclips. An 8U rack mount version is also available.

Designed for use in power utilities, industrial process control and automation, the TR-5000 series panel PC/ display can be configured with a variety of power supply options: 1 10/220 VAC or 12, 24, 48, 125, 250 VDC.

Powered by Intel Pentium 4 or Celeron processors with 800 Mhz FSB, this system can be supplied with slim CD-ROM* and optional solid st ate drive. Two hard drives can be included with optional RAID1 ATA100 controller for redundant operation.
*Slim DVD-ROM/CD-RW drive option is available.

Standard features include 2 x 100/1000 Mbp s Ethernet port s, 2 serial port s, printer port and 2 USB port s. Also features both internal L VDS and external SVGA ports that can operate at the same time.

TR-5190 is compatible with all versions of LINUX and Windows. QNX version is also available.
3 year warranty. Delivery is from stock.

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SPECIFICATIONS:

- **Panel Mount & Rack Mount Industrial PC**

- **NEMA 4 Steel baked epoxy black front panel**
  Optional NEMA 4 Stainless Steel

- **Processor:**   Socket 478 for Intel Pentium 4 or Celeron up to 3.6GHz with 800MHz FSB
  Support for Hyper Threading

- **19.0" TFT LCD Display:**
  Resolution 1280x1024 (XGA)
  Backlight MTBF: 50,000 hours

  Brightness: 250 cd/m^2
  Contrast ratio: 750:1

  Resistive touch screen - USB

- **System Memory:**

  2x184-pin DIMM sockets

  Max capacity: Up to 2GB DDR

- **Expansion slots:**

  Seven slot backplane with one PICMG CPU card
  4 PCI, 2 ISA, 1 SBC

- **Drive Bay:**
  2 x 3.5" HDD (RAID1 OK) or Flash Solid State Disk

  1 x 5.25 Slim size CD-ROM
   or 1 x 5.25 Slim DVD-ROM /CD-RW

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

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

- **SSD:**   Supports high speed Flash SSD up to 128GB

- **Watchdog timer:**   1 ~ 256 sec

- **Air Flow:**   Optimized air flow with 62 CFM (card cage) and 43 CFM (power supply) quality NIDEC fans

- **I/O:**

  1 x internal XGALVDS
  1 x external SVGA DB15
  2 x Serial RS-232
  1 x Parallel
  2 x USB 2.0
  2 x RJ-45 LAN Jack
  PS/2 Keyboard/mouse connectors

- **Software Compatibility:**
  LINUX and all versions of Microsoft Windows

  QNX version withATI RADEON SVGAis also available

- **Power Supply:**
  Output rating: 300W
  Input voltage: 100~240VAC @ 47/63Hz

  Optional DC input power: 12V, 24V, 48V, 125V, 250V

  MTBF: 80,000 hrs

  Safety: UL/cUL/TUV/FCC/CE approved

- **System Monitor** features include processor temperature, system temperature & DC power voltages

- **Chassis Colors:** Black, OEM color optional

- **Environmental Specifications:**

  Operating Temperature: 0° ~ 50^oC (32 ~ 122° F), 60C (140F) for 2 hours

  Relative Humidity: 5 ~95%

- **OEM Specifications Welcomed**

- **Dimensions:**

  W. 17.75" x H. 15.25" x D. 6.4" (D. 8.00" behind front panel)
  Rack mount version is 8U high

  N.W. 32 lbs, GW. 37 lbs, CUFT. 6

- **Warranty: 3 years**

Additional Options Available:

- 8U Rack Mount version

  > Allows the TR-5190 to be mounted in a standard 19" rack configuration, includes 3 USB ports
  > *NOTE: Rear Access CD is used when using the Rack Bracket version*

- Rear Access Floppy/CD Option

  > Provides 3 rear accessible drive bays:
  > 1 x 5.25" for slim 24x CD-ROM
  > 2 x 3.5" for Floppy Drive and Hard Drive

- 64 ~ 512GB high speed Flash SATA SSD

- SATA RAID1 Option

  > PD3500 RAID controller and two Seagate 7200RPM Constellation hard drives

- DC Power Supply Option

  > 300W DC 12, 24, 48, 125, 250V

- Slim DVD-ROM 8x / CD-RW 24x24x24 drive instead of slim 24x CD-ROM

Order:

- TR-5190-PM Panel Mount version
- TR-5190-RM Rack Mount version
- TR-2USB-1U 2x external USB rack mount ports