

Transduction

Intel 9th Generation, 6-Core CPU

TR-9190

TR-9190 Industrial Panel/Rack Computer w/ 19" Display



Features

- 6-core computing power with Intel 9th generation processor, model: 9600.
- Intel Core i5 processor up to 3.10GHz, 4.6GHz turbo.
- Integrated Intel Q370 chipset, available until the year 2032.
- 2 x DDR4 2666MHz DIMM sockets, supports up to 32GB memory.
- 19" industrial quality AUO LCD with 1280 x 1024 resolution.
- Enclosure made of zinc plated steel coated with tough baked epoxy finish.
- Panel mount version has NEMA 4 rating with hose proof front panel seals.
- External 4K graphics on DisplayPort.
- 0 ~ 50°C (32 ~ 122°F) operating temperature with full software load, 60°C (140°F) for 2 hours.
- Multiple I/O functions: 4 x USB3.1 ports, 2 x RS232/422/485 ports, 2 x LAN (1 x Gigabit LAN, 1 x Gigabit PHY LAN), 1 x PS/2 keyboard/mouse port.
- 3 x PCI, 1 x PCIe x4 and 1 x PCIe x16 expansion slots.
- High speed 500GB TLC mSATA SSD or 1TB Seagate Enterprise SATA hard drive.
- Universal AC/DC 300W power supply.
- Warranty 3 years with telephone service support for life.
- Manufactured by Transduction in Canada.

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TR-9190

TR-9190 Industrial Panel/Rack Computer w/ 19" Display

Specifications

Model

- TR-9190 Industrial panel/rack mount computer with Intel i5-9600 processor and 19" LCD display with USB resistive touch screen
- Front panel NEMA 4 rated

Processor

- Intel i5-9600, 6-core 3.1GHz, 4.6GHz turbo

Chipset

- Intel Q370, available until 2032

BIOS

- AMI BIOS, ACPI supported

LCD Display

- Resolution - 1280 x 1024 (XGA)
- Contrast ratio - 350:1
- Brightness - 300cd/m²
- USB Resistive touch screen or safety glass

Memory

- 2 x DDR4 2666MHz upto 32GB

LAN

- 1 x Intel Gigabit LAN
- 1 x Intel Gigabit PHY LAN

Graphics

- Intel UHD, external 4K on DisplayPort
- Dual independent display support

Expansion Slots

- 3 x PCI, 1 x PCIe x4 and 1 x PCIe x16 slots

Real Time Clock

- Lithium battery backup

Storage

- High speed 500GB TLC mSATA SSD or 1TB Seagate Enterprise SATA hard drive

I/O Ports

- 4 x USB3.1 ports, 2 x RS232/422/485 ports, 1 PS/2 keyboard and mouse port

Watch-Dog Timer

- Generates system reset: 256 levels

Shipping Weight/Dimensions

- Weight - 25.8kg (57 lbs)
- Dimensions - 68.6cm (L) x 40.6cm (W) x 60.9cm (H) (27" (L) x 16" (W) x 24" (H))

Operating Temperature

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

Operating Humidity

- Relative humidity 10 ~ 90%, non-condensing

Storage Temperature

- -20 ~ 70°C (-4 ~ 158°F)

Storage Humidity

- Relative humidity 40% max.

Power

- Universal 300W ATX power supply
- Optional DC power - 24, 48, 125 and 250VDC

Applicable QA Standard

- ISO 9001:2015
- Safely packaged to standard ASTM-D3951

Warranty: 3 years

Compatible with Windows 10

Additional Options

- Fast NVRAM drive up to 500GB
- SATA RAID1 option
- IRIG A/B time sync option
- SATA CD-DVD-R/W drive
- Safety glass in place of touch screen