

Transduction

Intel 9th Gen. i5/i7 6/8-core Processor
7" Capacitive Multi-Touch LCD

TR-GLORIA-LCD

TR-GLORIA-LCD Reliable 4U Industrial Rack Mount Computer



Features

- 6 or 8 core computing with intel 9th Generation i5 or i7 processor.
- 7" colour LCD on the front panel with multi-touch capacitive type screen.
- Intel i5/i7 processor up to 3.10GHz, 4.7GHz turbo.
- Integrated Intel Q370 chipset, available until the year 2034.
- 2 x DDR4 2666MHz DIMM sockets, up to 32GB memory.
- PCI and PCIe full expansion slots.
- 460W single or dual hot swap power supply.
- Dual hot swap RAID1 with RAIDON SATA iR2623 device.
- 24, 48, 125 and 250VDC power supply options.
- Optional chassis slides.
- ISO 9001:2015 QA program.
- MTBF > 50,000 hours.
- 3 years warranty. with technical support for life.
- Long term supply.

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Specifications

Model:

- TR-GLORIA-LCD 4U industrial rack mount computer with front 7" colour capacitive multi-touch LCD

LCD Panel, VGA + USB Touch

- 7", 1024 x 600, 700cd/m with capacitive multi-touch

Processor

- Intel i5-9th Gen. 6-core or i7 9th Gen. 8-core > 3.10GHz, turbo up to 4.7GHz

Chipset

- Intel Q370 - available until Q2 2034

BIOS

- AMI BIOS

Memory

- 2 x DDR4 2666MHz up to 32GB

Gigabit LAN

- 1 x Intel 1219LM LAN
- 1 x Intel 1210AT LAN

Graphics

- Intel UHD Graphics P630
- 1 x DVI-D, 1 x DVI-I

Expansion Slots

- PICMG 1.3 with 4 x PCI and 1 x PCIe x16 and 4 x PCIe x1 slots

Real Time Clock

Lithium Battery Backup

Storage

- Fast NVMe option socket
- SATA RAID1 with RAIDON iR2623 device with 2 x Seagate 3.5" 7200RPM 1TB hard drives and 1 x 2.5" SSD

Disk Storage

- SATA CD-DVD-R/W
- Optional Blu-ray drive

I/O Ports

- 3 x USB3.0 rear ports, 2 x USB3.0 front ports
- Optional 2 x USB2.0 rear ports
- Up to 4 x RS232 and 1 x RS232/422/485 ports
- Up to 3 x Digital I/O (4 IN / 4 OUT)

Watchdog Timer

- Generates system reset: 256 levels

TPM

- TPM 2.0

Audio

- Intel PCH HD audio controller + Realtek ALC662 w/ 5.1 channel

Power Supply

- Universal 460W 90 - 265VAC, 1.5A
- Optional 500W dual hot swap
- Optional 125V and 250V DC power options

Operating Temperature

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

Operating Humidity

- 10 - 90% RH, non-condensing

Storage Temperature

- 0~60°C (32~140°F)

Storage Humidity

- 40% RH

Warranty: 3 years

Compatible with Windows 10, Windows 11 and LINUX

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Compliance

- ESA, FCC Class A/B, CE, Nuclear, Seismic
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QA Standard

- ISO 9001:2015

Weight

- 23.6kg (52lbs)

Dimensions

- 19" ears for rack mount (D) x 5.25" (H) x 17" (L)

Attention: Needs shelf support or chassis slides to support weight.

Shipping Weight

- 25.8kg (57lbs)
- Shipping carton to standard ASTM-D3951

Shipping Dimensions

- 12" (D) x 32" (H) x 24" (L)

Options

- DC power supply options - 125 and 250VDC
- 24" chassis slides with 6" extender for total of 30"
- 500W dual hot swap power supply
- SATA RAID1 with RAIDON iR2623 device
- Optional Blu-Ray drive