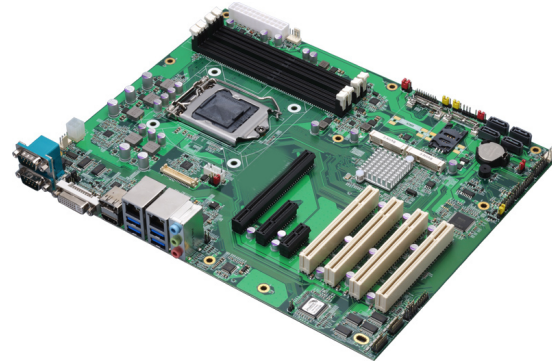


Transduction

Intel i5/i7 or Xeon Processors

TR-GLORIA-10

TR-GLORIA-10 Industrial Rack Mount Computer



Mechanically stable Gloria-10 rack mount chassis is made of zinc plated cold rolled steel that has superior EMI shielding characteristics and it meets all North American electrical and mechanical design standards. It will pass seismic shocks up to 25G and steady vibration up to 5G. It provides good home for the future generations of motherboards. Superior air cooling with low acoustical noise due to Air Chamber design and thermistor control of the speed of air fans that is proportional to temperature inside the chassis. This prevents excessive intake of the harmful dust. Provided front air filter can be easily washed or replaced.

Features

- Supplied with Intel 6th & 7th Core i5/i7 and Xeon processors
- Intel C236 high longevity, high performance chipset
- High quality industrial grade motherboard
- Up to 64GB memory, ECC with Xeon E3-1200 processors
- Intel HD530 graphics, 4K resolution, up to 3 displays
- 4 PCI, X16, X4, X1 PCIe expansion slots
- Compatible with Windows 10 and LINUX and QNX
- Can be supplied with Windows 10 Pro or IoT Enterprise
- Dual disk RAID1 SATA up to 12GB removable canisters and removable 128GB industrial flash drive
- Sophisticated dual hot swap 500W power supply with extensive monitoring features
- Up to 5 RS232 ports, 6 USB 3.0 ports
- Electrical safety approval with current leakage test
- Compliance: FCC Class A, CE
- Manufactured under ISO 9000-2015 QA program
- Factory acceptance test report
- Warranty 5 years with technical support for life
- Long term supply - 7 years, Service life 10 years

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TR-GLORIA-10

Specifications

Chassis

- Rack mount, 4U undersized, cold rolled zinc plated steel with yellow dichromate finish . Front panel durable black baked epoxy paint. Only 18" deep.
- Air cooling with two front 42 CFM DC fans mounted on air chamber support for higher efficiency and lower noise with speed proportional to temperature by electronic controller with thermistor.

Processors

- Intel 6th and 7th generation Core i5/i7 and Xeon E3-1200 v5/v6, FCLG 1151 package.

Chipset

- Intel C236.

Memory

- 4x DDR4 DIMM 1866/2133 Mhz up to 64 GB non-ECC, unbuffered. ECC with Xeon E3-1200 processor.

Watchdog Timer

- Generates system reset with internal timer 1 min/s to 255 min/s.

Real Time Clock

- RTC integrated with chipset with easily replaceable battery on motherboard.

Graphics

- Intel HD530

Display interface

- DVI-I, HDMI, Optional DisplayPort & VGA.

LAN

- Intel I219-LM Gigabit PHY and Intel I210-AT Gigabit.

Audio: Realtek ALC262 HD

Front I/O: 2 x USB 3.0.

Rear I/O

- DVI-I, HDMI, Optional DisplayPort or VGA port, 4x USB 3.0, 2 x LAN, RS232/422/485, RS232, 4 x Rs232, Audio.

Disk I/O

- RAIDON SATA III RAID1 with Seagate Enterprise 3.5" removable hard drives 1TB to 8TB plus 128GB removable fast 2.5" MLC flash drive. Disk management software for Windows.

Power supply

- Universal AC 500W with extensive monitoring and alarm features. Power consumption related to the type of Intel processor, under 100W. Refer to product manual for detailed amount of current available from each section of power supply. Monitoring software for Windows. Optional 24, 48,125,250 VDC input power.

Electrical safety approval to CSA/UL SPE 1000 electrical standard with HI-Pot and leakage tests.

Software compatibility

- Windows 7 Pro, Windows 10 Pro, Windows 10 IoT Enterprise, Red Hat and Ubuntu Linux, QNX Version 6.41

Operating temperature:0-50C, 60C for 2 hours, Humidity RH 10 to 90% noncondensing.

Long term storage

- 0-60C, Humidity RH 45% non-condensing. Needs power-up for 15 minutes once a year to re-charge CMOS battery and re-form electrolytic capacitors.

Shipment includes:two 6-foot AC power cords. Optional TR-CS chassis slides for 24" deep cabinets with 30" extender.

Warranty: 5 years

Shipping dimensions: 24" x 32" x12" **Weight:** 48 lbs