Transduction

Intel Core i7/i5 Processor up to 3.4GHz

TR-Q170A-2U

TR-Q170A-2U Industrial Rack Mount Computer

This 2U rack mount computer comes with the latest Intel 6th Generation i5/i7 quad core processors. Based on the new Skylake-S Q170 Express chipset that supports Intel boot guard to protect computer from malware attacks and it features new Intel response and Rapid start technologies with Dynamic Cache sharing.

High quality components have been used on the motherboard and the entire system was stress tested for thermal shock, mechanical shock and vibration.

TR-Q170A-2U computer comes with 3 years warranty and telephone support for life.

Price of the basic system is only $950 for version with 300W universal AC power supply.

Features

- For Windows 7, 8, 8.1, 10, Linux and QNX.

- Intel i5 or i7 Generation 6 processors.

- Up to 64GB DDR4 high temperature memory.

- 4K 4096 x 2160 graphics.

- 3 independant displays - DVI-I and 2 x HDMI.

- High quality components.

- Provision for dust filter.

- Chassis thermal management.

- 30G resistance to mechanical shock.

- Low EMI - FCC Class B compliance.

- Data protection with RAID1.

- Universal AC power 90 to 260V.

- 24, 48, 125 and 250VDC input power options.

- 3 years warranty. with technical support for life.

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Specifications

Processor
- 6th generation Intel Core i7/i5, processors, up to 3.4GHz

Processor Socket
- LGA1151

Chipset
- Intel Q170 Express

Memory
- 4 x DIMM, max. 64GB DDR4 2133/1866MHz Non-ECC, un-buffered memory
- Dual Channel Memory Architecture

BIOS
- AMI

Gigabit LAN
- Intel 2 x Gigabit LAN Controllers
- Wake on LAN (WOL/PXE)

Graphics
- Intel HD Graphics
- Multi-Display: DVI-I + HDMI, HDMI + HDMI, DVI-I + HDMI + HDMI
- DVI up to 1920 x 1200 @ 60Hz
- HDMI 1.4 up to 4096 x 2160 @ 30Hz

Multi-GPU Support
- Supports NVIDIA Quad -GPU SLI Technology
- Supports AMD Quad-GPU CrossFireX Technology

Expansion Slots
- 1 x full size PCIe x16 slot
- 1 x PCIe x4 and 1 x PCIe x1 slots

Cooling
- Cooling with 2 front 70CFM filtered air fans
- Automatic speed control of air fans

Storage
- 1TB - 6TB Seagate Enterprise hard drives
- Optional RAID0,1

Audio
- Realtek ALC887

USB Ports
- 10 x USB 3.0 ports

Back I/O Ports
- 1 x DVI-I. 2 x HDMI, 2 x LAN, COM1, 3 x audio jacks and PS/2 combo

Power
- 300W universal AC power supply 50/60Hz and 400Hz
- For DC input power see options: 24V, 48V, 125V and 250V DC

Accessories
- Drivers on CD
- USB optical mouse and USB keyboard

Warranty: 3 years

Compliance
- UL, UL-C, FCC Class B and CE

Environmental
- Operating temperature: 0~50ºC (32~122ºF), 60ºC (140ºF) for 2 hours at 100% software load
- Storage temperature: -10~85ºC (14~185ºF)
- Operating range of humidity: 10%~90% non-condensing
- Optimal humidity for long term storage: 45% non-condensing
- Shock: 30G according to MIL-STD-202G Method 213B Condition D
- Vibration: 5G according to MIL-STD-810F Method 514
- Altitude: 30,000ft
- Weight: 15kg (33.1lbs)
- Weight in carton box with foam inserts: 17kg (37.5lbs)
- Carton dimensions: 19" x 13" x 25"

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PS/2 Combo Port

USB 3.0 Port

HDMI Port

DVI-I Port

COM1 Port

LAN Ports

Audio Jack (Line-In, Mic-in, Line-out)