

TR-67W

R-67W Rack Mount 1U Computer



Transduction, the innovative leader of reliable industrial computers is pleased to present TR-67W Rack Mount 1U Computer based on Intel® 8th Gen Core™ H-series Processor. Intel® mobile platform supports DDR4 memory (two DDR4 2666 MHz SO-DIMM up to 32GB).

The platform is based on Intel® Ultra HD Graphics, technology that provides high-end media and graphics capabilities for video display devices, with 2D/3D graphics and interactive content. Displays can be connected via HDMI, DVI, VGA and optional DP. Up to three displays can be controlled simultaneously. It allows to provide advanced solutions for imaging, machine vision and digital signage applications. TR-67W offers many features including high-speed data transfer interfaces, such as 6x USB 3.1 and 3 x SATAIII. The System Board is equipped with dual Gigabit Ethernet and comes with PS/2 port, up to 5 x RS232 and 1x RS232/422/485, 4x USB 2.0, Intel® High Definition Audio, and 2 x MiniPCIe socket expansion slots.

Features

- Onboard 8th Gen Intel® Core™ H-series processor
- 2 x DDR4 2666 MHz SO-DIMM up to 32GB
- Integrated VGA, DVI, DisplayPort, HDMI, LVDS for triple display support
- 1 x Intel® Gigabit PHY LAN, 1 x Intel® Gigabit LAN, 2 x MiniPCIe
- 3 x SATA3, 4 x USB 2.0, 6 x COM, 1 x LPC, 2 x 8 bit GPIO, 1 x SIM slot, 1 x PS/2
- 6 x USB 3.1 Gen 2
- Watchdog Timer
- 4K resolution graphics

TR-67W

Specifications

Processor

- Intel 8th Gen Core™ H-series Mobile 6 Core processor 2.6 GHz, Turbo 4.36 GHz

Chipset

- Intel QM370

Memory

- 2 x DDR4 SO-DIMM 2666 MHz up to 32GB, support non-ECC, unbuffered memory

Watchdog Timer

- Generates system reset with internal timer for 1 min/s ~255 min/s

Real Time Clock

- Chipset integrated RCT with lithium battery

Expansion

- 1 x MiniPCle (support mSATA)
- 1 x MiniPCle
- 1 x SIM slot

Graphics

- Processor: Intel UHD Graphics
- Display Interface: 1 x DVI, 1 x DisplayPort, 1 x VGA, 1 x HDMI, 1 x LVDS

LAN

- 1 x Intel I219-LM Gigabit PHY LAN (support Intel AMT 12)
- 1 x Intel I210-AT Gigabit LAN

Serial ATA

- 2x SATA3

Audio

- Realtek ALC262 HD Audio

Front I/O

- 2 x USB 3.1 Gen 2

Rear I/O

- 1 x DisplayPort, 1 x DVI, 1 x HDVI, 4 x USB 3.1 Gen 2, 2 x LAN, 1 x RS232/422/485, 1 x RS232, 1 x Audio

Power Requirement

- Universal AC or 125VDC, 60W

Size

- 170mm x 170mm (L x W)

Operating Temperature

- Within 0°C~60°C (32°F~140°F)

Storage Temperature

- Within -20°C~80°C (-4°F~176°F)

Relative Humidity

- 10%~90%, non-condensing