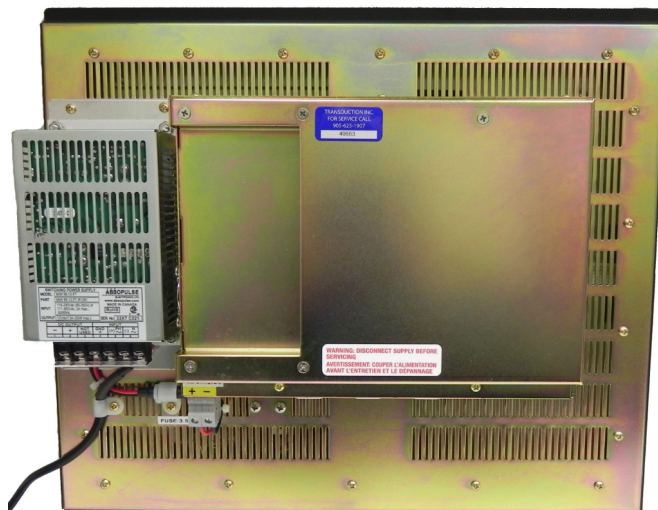


Transduction

TR-LCD1500-ITX-P37-I7H

Tiger Lake 11th Gen. H Processor



Features

- Computing power with Intel 11th generation i7-11850HE processor.
- Intel QM580E chipset.
- 1 x DDR4 SO-DIMM 3200MHz DIMM socket, supports up to 32GB non-ECC memory.
- 15" industrial quality AUO LCD with 1024 x 768 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 1x DisplayPort and 1 x HDMI ports.
- 0 ~ 50°C (32 ~ 122°F) operating temperature with full software load, 60°C (140°F) for 2 hours.
- Multiple I/O functions: 2 x USB2.0 ports, 6 x USB3.2 ports, up to 4 x RS232/422/485 ports and 2 x LAN ports.
- High speed 2.5" SATA III SSD or NVMe SATA SSD with optional RAID0 or RAID1.
- Universal AC/DC 100W power supply.
- Manufactured by Transduction.
- Warranty 3 years with telephone service support for life.

TRANSDUCTION INC.

1.800.268.0427 905.625.1907 Fax: 905.625.0531

www.transduction.com Email: sales@transduction.com

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Tiger Lake 11th Gen. H Processor

TR-LCD1500-ITX-P37-I7H

Specifications

Model

- TR-LCD1500-ITX-P37-I7H industrial rack mount or NEMA 4 panel mount computer with 15" LCD.

Processor

- 11th Generation i7-11850HE, 8-core, 16-threads, 2.6Ghz, burst 4.7GHz.

Chipset

- Intel QM580E

BIOS

- AMI BIOS, ACPI supported

LCD Display

- Resolution - 1024 x 768 (SXGA)
- Contrast ratio - 800:1
- Brightness - 450cd/m2
- LED Backlight MTBF < 50,000 hours
- USB Resistive touch screen or safety glass

Memory

- 1 x DDR4 SO-DIMM 3200MHz up to 32GB

LAN

- 1 x Intel I219-LM Gigabit PHY LAN
- 1 x Intel I225-LM Gigabit LAN

Graphics

- Intel® 11th Gen. UHD Graphics., external 4K on 1 x DisplayPort or 1 x HDMI port
- Dual independent display support

Real Time Clock

- Lithium battery backup

Optical Drive

- Optional SLIM CD/DVD-R/W

Storage

- 2.5" SATA III SSD or NVMe SATA SSD with POWER-GUARD to prevent bad blocks at loss of power
- Optional RAID0 or RAID1

GPIO

- Programmable 8-bit digital I/O interface

I/O Ports

- 1 x HDMI, 1 x DisplayPort, 2 x USB2.0 ports, 6 x USB3.2 ports, 2 x LAN and up to 4 x RS232/422/485 ports

Watch-Dog Timer

- Generates system reset: 255 levels

Weight/Dimensions

- Weight - 10kg (22 lbs)
- Dimensions - 12.250" (D) x 16.000" (W) x 3.995" (H) (4.625" with CD/DVD)

Operating Temperature

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

Operating Humidity

- Relative humidity 10 ~ 95%, non-condensing

Storage Temperature

- -40 ~ 85°C (-40 ~ 185°F)

Storage Humidity

- Relative humidity 10 - 45%, non-condensing

Power

- Universal AC/DC 100W power supply
- Power consumption - 55W
- Optional DC power - 12, 24, 48, 125 and 250VDC

Shock & Vibration

- 25G and 5G

Applicable QA Standard

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

Warranty: 3 years

Compatible with Windows 11, Windows 10 and Ubuntu LINUX kernel 5.8 or lower

Electrical Safety Approval, CE and FCC Class A

Additional Options

- PM (panel mount) or RM (rack mount)
- SLIM CD/VD-R/W
- RAID 0, 1 Intel Rapid Storage Technology
- Wi-Fi+
- Safety glass in place of touch screen
- 12, 24, 48, 125 or 250VDC input power

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