

TR-597 INDUSTRIAL FANLESS COMPUTER

TR-597 Intel Celeron Fanless Rack Mount Computer



Front



Rear

Features

- Reliable fanless panel mount computer for Windows 10, 8.1, 7, VISTA, XP, 2000, DOS 6.22, LINUX and QNX.
- Robust fanless and sealed enclosure to protect against dust and contamination.
- 0 ~ 70°C (32 ~ 158°F) operating temperature with full software load.
- Intel Celeron Bay Trail J1900 quad core processor.
- Dual independent display via SVGA and DVI-D connectors.
- Optional 1 x PCI/PCIe expansion slot with compact size.
- Up to 8GB DDR3 high temperature memory.
- Multiple I/O functions - 1 x USB 3.0, 3 x USB 2.0, 1 x SVGA, 2 x LAN, 4 x COM, 1 x AUX and 2 x audio ports.
- High speed MLC or SLC industrial flash SATA drive up to 120GB with S.M.A.R.T. and SUPERCAP features.
- 8 - 35VDC wide-range power input.
- Optional TR-MACRIUM backup kit.
- Warranty 3 years with telephone service support for life.
- MTBF is in excess of 100,000 work hours.

TRANSDUCTION

Tel: 1.800.268.0427 905.625.1907 Fax: 905.625.0531
www.transduction.com Email: sales@transduction.com

TR-597 INDUSTRIAL FANLESS COMPUTER

Specifications

Model

- TR-597 fanless panel mount computer with Intel Celeron Bay Trail J1900 64-bit processor.

Processor

- Intel Celeron Bay Trail J1900 2.0GHz quad core processor
- No heatsink fan

Chipset

- Intel J1900 with enhanced graphics

Memory

- SO-DIMM DDR3 8GB

Ethernet

- 2 x Intel I210 Gigabit LAN
- External RJ-45 connectors

Display

- Integrated Intel HD Graphic Engine interface, SVGA & DVI-I connectors for external monitor with independent (extended desktop) display capability

Disk I/O

- 2.5" SATA high speed MLC or SLC industrial flash up to 120GB with S.M.A.R.T and SUPER-CAP features

Audio

- 1 x Mic-in and 1 x Speaker-out

I/O Ports

- 1 x DVI-I port
- 1 x SVGA port
- 1 x USB 3.0 and 3 x USB 2.0 ports
- 1 x AUX port
- 4 x COM ports

Expansion

- Optional 1 x PCIe x4 slot

Operating Temperature

- 0 ~ 50°C (32 ~ 122°F)
- 0 ~ 70°C (32 ~ 158°F) for 2 hours

Storage Temperature

- -20 ~ 85°C (-4 ~ 185°F)

Shock & Vibration

- Shock - 50Grms, half-sine 11ms duration
- Vibration - 5Grms, 5 - 500Hz, 3 axes

Humidity

- Relative humidity 10 ~ 90%, non-condensing
- Storage: Relative humidity 45% max. non-condensing

Power

- 3-pin terminal block - 8 ~ 35V DC input
- 60W AC/DC power adapter with 12V, 5A DC output 50/60/400Hz
- Optional 48V, 125V and 250V DC input

Weight

- 5.1lbs (2.3kgs)

Dimensions

- 8.07" (W) x 5.74" (D) x 2.99" (H) (20.5cm (W) x 14.6cm (D) x 7.6cm (H))
- Panel mount brackets are supplied

Certification

- CE/FCC Class A according to EN 55022 and EN 55024
- Power adapter has UL/ULC ESA

Compatible with Windows 10, Windows 8.1, Windows 7, Windows VISTA, Windows XP, Windows 2000, DOS 6.22, QNX, LINUX 2.4.16 or above

Warranty: 3 years

Note: This computer should be installed vertically in open air to provide for optimal air convection cooling.