

Transduction

Intel i5-5250U 1.6GHz 2-Core Processor

TR-YODA INDUSTRIAL FANLESS COMPUTER

TR-YODA Ultra-Compact Embedded Control Computer



Model TR-YODA-i5 is our new fanless computer destined for industrial applications. Standard model comes with i5-5250U 1.6 Ghz 2-Core, 4 Threads Intel processor @ 1.6 Ghz/2.7 Ghz Turbo frequency. Optional are Intel i3 and i7 processors at various clock frequencies

TR-YODA-i5 is intended as reliable tool for the factory floor. As any fanless computers it needs to be installed in location with plenty of fresh air supply. Best in the vertical position to benefit from the convection air flow. Power consumption is only 15W (17W with high speed i7 processor). Proper air flow increases reliability of fanless computers.

TR-YODA fanless computers come with standard universal AC external 12VDC power adapter. DC power options are optional for 12, 24, 48, 125, 250 DC volts.

Wireless option with dual antennas can be added at any time.

As a default TR-YODA computers come with fast mSATA flash drives. We also offer optional high temperature SATA flash drives with POWERGUARD to prevent corruption of files during sudden power loss.

TR-YODA computers have dual display feature where two separate monitors can be used on VGA and HD ports.

Intel Graphics 6000 that comes with i5 5250U processor offers amazing 4K video & game performance.

Overall TR-YODA fanless computers offer excellent performance at reasonable price. Warranty is 3 years with lifetime technical support.

Contact Transduction Sales Department for assistance with configuration and formal quotes. sales@transduction.com

TRANSDUCTION

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Specifications

Model

- TR-YODA Fanless Computer with Intel i5-5250U 1.6GHz CPU and fast mSATA drives

Processor

- Intel i3, i5, i7 2-cores, 4-threads
- No heatsink fan

Memory

- Up to 16GB SDRAM, 2 channels

Graphics

- Intel 5500 with i5 5250U processor

Video Output

- VGA, HDMI, Dual Display

Storage

- mSATA or SATA with POWERGUARD

Audio

- 1 x 3.5mm mic-in/speaker-out jack

I/O Ports

- 1 x VGA port
- 1 x HDMI port
- 4 x USB 3.0 ports
- 3 x USB 2.0 ports
- 2 x RS232 COM ports

Ethernet

- RTL8168/8111/8112 Gigabit NIC

Operating Temperature

- -25 ~ 70°C (-13 ~ 158°F)

Storage Temperature

- -40 ~ 85°C (-40 ~ 185°F)

Humidity

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

Weight

- 2.65lbs (1.2kg)

Dimensions

- 9.21" (W) x 5.90" (D) x 1.96" (H) (23.39cm (W) x 14.98cm (D) x 4.97cm (H))

Compatible with Windows 7, Windows 10 and LINUX

Warranty: 3 years

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

Dual Output Display - HD & VGA

HD+VGA dual output, enable to connect two monitors simultaneously



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