

MIC-A1501-TI

15 inch Rugged Panel Computer

Features

- 15.1" High Brightness Display
- Intel Core i7 9th Gen Xeon CPU
- Fanless Design
- Wide Operating Temperature: -20°C to +60°C
- Optional GPS, Touch, CANBUS Module
- Support 230VAC / 18-36VDC Power input

Appearance





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Revision Table

Date	Revision	Content	By
2023/8/22	1	Basic	Dennis

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Specification

Processor	Intel Atom Quad Core or Intel Core I7 9 th Gen Xeon
Memory	8GB DDR4 RAM, up to 32GB / 16GB DDR4, up to 64GB
Graphics	HD Graphic for Atom, UHD Graphic 630 for Xeon
Storage	512 GB, SSD
Display Size	15.1" LED Backlight LCD
Resolution	1024 x 768
Brightness	1000 nits
Contrast Ratio	700:1
No. of colours	16.2M
Viewing Angle	160/160 (H/V)
Interfaces	1x Power 1x DVI 3x USB 2x RJ45 2x RS232 1x SMA (GPS Optional)
OS	Windows 10/ RHEL 7.8 or above/ Linux
TPM	Trusted Platform supports TPM2.0
Power	Support 230VAC, 50Hz single phase/ 18-36VDC; <150W Power consumption depends on CPU
Dimension	415 x 350 x 100 mm (W x H x D) [Depends on optional features]
Mounting	Provision for Rack, Wall or Table Mount with kits
Optional Items	1) GPS Module 2) HD Audio 3) 30 minutes battery backup 4) Resistive Touch Screen 5) CANBUS Module

MIC-A1501-T1

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Environment Compliance

Operating Temp.	-20°C to +60°C
Storage Temp.	-40°C to +70°C
Humidity	5 to 95%, non-condensing
Altitude	3024m
Vibration	Sinusoidal Vibration
Frequency Range	5 to 8 Hz; ±6mm constant acceleration; 8 to 500 Hz; ±15 m/s ² constant acceleration No of Axis: 3, Duration 2hr/ axis
EMI/EMC	MIL-STD-461 ^E - CE101, CE102, RE101, RE102, CS101, CS114, CS115, CS116, RS101, RS103

Environmental performance may vary according to the integration method or final integration scenario.

Ordering Information

Model Name	Description	Unit
MIC-A1501-T1	15 inch Rugged Panel Computer	1