

UTDRW100

Embedded Automation Controller

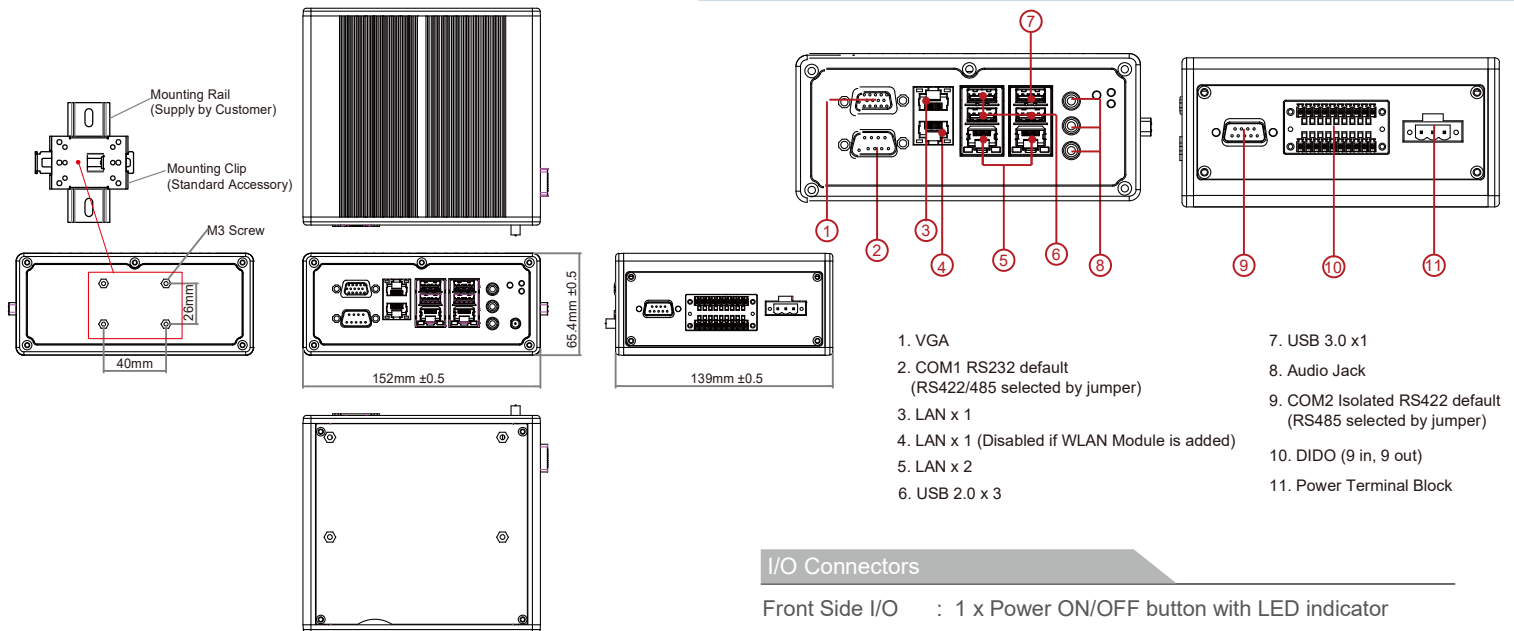


Feature

DIN Rail design for Industrial Automation application
Onboard Intel Celeron Quad-Core N2930 1.83GHz , up to 2.16GHz

- **1 x DDR3L SODIMM slot, Default 4GB**
- **1 x RS232 / 422 / 485 communication, switch by jump**
- **4 x Giga LAN, 1 x USB 3.0, 3 x USB 2.0, 1 x VGA, 1 x Line out, 1 x Power Jack**

• **AWS IoT Greengrass Certified**



System Specification

Processor	: Intel® Celeron® Bay Trail-M N2930 1.83GHz up to 2.16GHz
System Memory	: Default 4GB, Max. up to 8GB
Ethernet Controller	: 4 x Intel® I210AT GbE LAN
USB	: 1 x USB 3.0, 3 x USB 2.0
Storage	: Default 64GB mSATA SSD Optional 128GB to 512GB
LAN	: Intel I210-AT GbE LAN x 2
Audio	: Realtek HD Audio Codec
Second Storage(Optional)	: 2.5" SSD 64GB to 512GB

Mechanical and Power

Dimensions	: 139mm x 65.4mm x 152mm (L x W x H)
Construction	: Aluminum housing
Power Input	: 9~36V DC IN (Isolation)
Power Consumption	: 25W max.
Mounting	: DIN Rail

Operating System (Option)

- Windows Embedded Standard 7
- Windows 7 PRO for Embedded System
- Windows Embedded 8 Standard
- Windows Embedded 8.1 Industrial
- Windows 10 IoT Enterprise
- Ubuntu 18.04LTS

Note: All Specifications are subject to change without prior notice!

I/O Connectors

Front Side I/O	: 1 x Power ON/OFF button with LED indicator 1 x Line Out, Line In, Mic In 4 x Giga LAN 1 x RS232(Default), RS422/485 Switch by jumper 1 x VGA 1 x USB3.0 3 x USB2.0 1 x DC Power 3pin Terminal Block 1 x Isolated RS422(Default), RS485 Switch by jumper 1 x 20 pins terminal block DIDO (9in / 9out)
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Environment Considerations

Operating Temperature	: -20 to 60 deg.C
Storage Temperature	: -40 to 70 deg.C
Operating Humidity	: 5% to 95% (non condensing)
Anti-Vibration	: 5Hz~500Hz / 1Grms/3 Axis
Anti Shock	: 15G, 11ms duration

Certification

UL508	
CE	
FCC	
IoT	: AWS IoT Greengrass Certified

Optional Ordering Information

Second Storage	: 64GB to 256GB 2.5" SSD
Memory	: 4GB to 8GB
IEEE 802.11 a/b/g/n WLAN Module	
Operating System	