

# WEBS-91J0

Rugged Fanless Embedded System with Intel® Processor N Series and Intel Atom® Processors x7000RE Series



## FEATURES

- Fanless system with Intel® x7433RE Processor or Intel® Processor N150
- 3x USB3.0, 3x RJ45 1GbE, 1x HDMI and 1x DP connector
- 1x SO-DIMM socket support DDR4 3200MHz up to 32GB
- 1x M.2 B Key 2242/3042/3052 for SATA SSD or NVMe SSD or 5G module
- 1x mini-PCIe full/half-size for mSATA or Wi-Fi/BT/LTE module

## System

CPU	Intel® Processor N150 (formerly Twin Lake) / Intel Atom® x7433RE (formerly Amston Lake)
BIOS	AMI uEFI BIOS
Memory	1x non-ECC DDR4-3200MHz SO-DIMM up to 32GB
Storage/Cellular	1x M.2 2242/3042/3052 B Key (PCIe / SATA III / USB)
Watchdog Timer	1~255 levels programmable Watchdog Timer
Expansion	1x full-size/half-size miniPCIe slot (optional: Hailo-8 Module) 1x SIM card holder on bottom side for easy access

## External I/O

Serial Port	- 1x RS-232 - 1x RS-485
Display	- 1x HDMI 1.4 - 1x DP 1.4
USB	- 3x USB 3.0
Ethernet	- 3x RJ45 GbE (Intel® I210AT/IT)

## Power Supply Unit

Power Input	DC 12~24V input
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## Environmental

Operation Temperature	N150 SKU : 0°C~60°C (32°F~140°F) / x7433RE SKU : -40°C~60°C (-40°F~140°F)
Storage Temperature	-40°C~85°C (-40°F~185°F)
Relative Humidity	40°C, 95%RH non-condensing
Operation Vibration	1.5Grms/5-500Hz, IEC 60068-2-64
Operation Shock	20G, 11 msec, IEC 60068-2-27

## Mechanical

Dimension	152 (W) x 112 (D) x 48 (H) mm
Weight	1.0 Kg
Mounting	Wall, DIN-rail mount



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\*All information provided is subject to change without notice. Last updated: October 10, 2025