

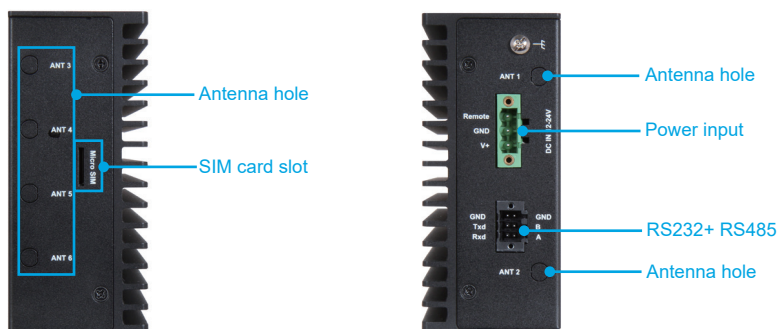
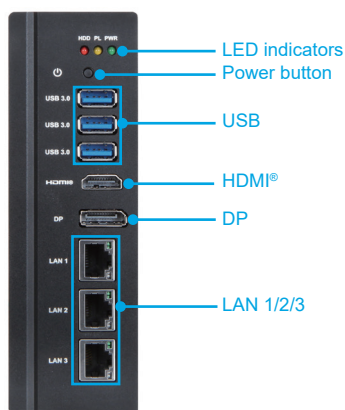
WEBS-91J0

Powered by Intel® Processor N / Intel® Atom® x7000RE Series processors, WEBS-91J0 features rich I/O, 12~24V DC in, and M.2/mini-PCIe/Micro SIM expansion to meet diverse connectivity and storage needs.



FEATURES

- Fanless System with Intel® Processor N Series / Intel Atom® x7000RE Series CPU
- 3 x USB3.2 Gen 1, 3x RJ45 1GbE, 1x HDMI® and 1x DP connector
- 1 x SO-DIMM socket support DDR4 3200MHz up to 32GB
- 1x M.2 B Key 2242/3042/3052 for storage / 5G module / AI module
- Support 12V~24V Wide-Range DC Input with 3-pin Terminal Block



General

Processor	Intel® Atom® x7433RE, 4 cores, 9 W Intel® Atom® x7835RE, 8 cores, 12 W Intel® Processor N150, 4 cores, 6W Intel® Core™ i3 N355, 8 cores, 15 W
Chipset	Intel® SoC
BIOS	AMI uEFI BIOS
Memory	Support up to 32GB DDR4 3200 MT/s on 1 SODIMM
Storage	1 x M.2 Key-B SATA / NVMe PCIe x2 2242/3042/3052 1 x mSATA Full & Half Size
AI Accelerator	(optional) Hailo Hailo-8 (M.2 Key B+M)
Watchdog Timer	Programmable, time out period from 1 s to 255 s

System I/O

Ethernet	3 x 1 GbE LAN w/ Intel® WGI210AT / IT
Serial Port	1 x Terminal Block Support RS-232 + RS-485
USB	3 x USB 3.2 Gen1 x1 (5Gbps) Type A
Display	1 x HDMI® 1.4 1 x DP 1.2
Other	Power Button
LED	Power, Storage, Programmable LED
Antenna	6 x SMA Antenna holes for 5G / LTE / Wi-Fi
SIM Slots	1 x Micro-SIM

Expansion I/O

M.2	1 x B Key w/ 2242/3042/3052 PCIe x2 or SATA III for LTE/storage/AI
Security	TPM 2.0 (Default)
Mini-PCIe	1 x half / full-size mini-PCIe with PCIe and USB2.0 or SATA

ME/Environment

Dimension(WxDxH)	152 x 112 x 48 mm (5.98" x 4.41" x 1.89")
Weight	1.0 kg
Power Supply	Terminal Block 12~24V
Mounting	DIN Rail, Wall Mount
Vibration	1.5G 5~500Hz with Wall mount (IEC/EN 60068-2-6)
Shock	20G 11m sec with Wall mount (IEC/EN 60068-2-27)
Operating Temperature	0 ~ 60 °C (32.0 ~ 140.0 °F) for Intel® Processor N Series -40 ~ 60 °C (-40.0 ~ 140.0 °F) for Intel Atom® x7000RE Series
Storage Temperature	-40 ~ 85 °C (-40.0 ~ 185.0 °F)
Cooling	Fanless
Relative Humidity	5% to 95%, non-condensing
Certification	CE/FCC Class B
OS	Windows 10 IoT Enterprise, Windows 11 IoT Enterprise, Linux™
Portwell Special Feature	PET

Ordering Guide

Category	System
Product	WEBS-91J0
Description	(R)ATO. WEBS-91J0. Proprietary Fan-less System. PEBW-2770. Amston and Twin Lake.
P/N	AS5-3731
Status	In Development