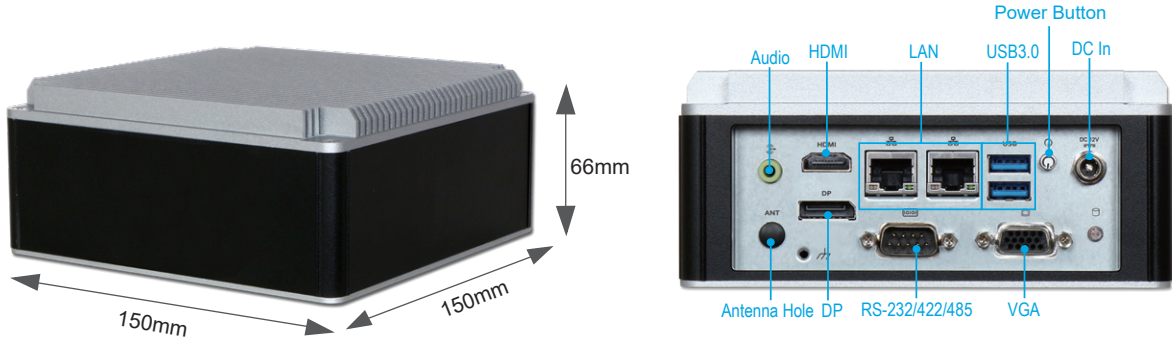
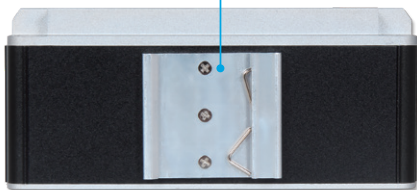


# WEBS-2110

Embedded Compact Fan-less System with Intel® Atom® x6000E Series based NANO-ITX Board



DIN-Rail Mounting Bracket (optional)



The WEBS-2110 takes advantage of Intel® Atom® x6000E series processor technologies, especially its vastly superior Dual/Quad-Core™ processing power and capability. The low power, cost-effective processor with high performance is of great use to build up a compact system, WEBS-2110, which supports wide operating temperature from -20°C to 60°C for fan-less applications in harsh environment, such as Industrial Automation, Medical, Networking, Kiosk and Digital Signage.

## FEATURES

- Powered by Intel® Atom® Elkhart Lake Dual/Quad-core™ x6000E Series SoC
- Support 1x 2.5" SSD, 1x mSATA, 1x Micro SD
- Triple Display by VGA, DP, HDMI
- 1x M.2 and 1x Full-size Mini-PCIe socket (Choose either mSATA or mini-PCIe by BIOS)
- Support Wall mount and DIN Rail mount
- Wide Operating Temperature support (-20~60°C) with Fan-less design
- DC 12V power input



## System

M/B	NANO-6063
CPU	Intel Atom® Dual/Quad-core x6000E family SoC (up to 12W)
BIOS	AMI UEFI BIOS
Memory	DDR4 3200 MT/s Non-ECC SO-DIMM up to 32GB
Storage	- 1x SATA III port - 1x mSATA socket (Choose either mSATA or mini-PCIe by BIOS) - 1x Micro-SD socket
Watchdog Timer	Programmable by embedded controller
H/W Status Monitor	System monitor (Voltage and Temperature)
Expansion	- 1x M.2 Type E socket - 1x full size mini-PCIe socket (Choose either mSATA or mini-PCIe by BIOS) - 2x USB 3.2 Gen 2 ports on board with header (10Gbps)

## External I/O

Serial Port	1x RS-232/422/485 on board connector (selected by BIOS)
Display	1x VGA, 1x DP, 1x HDMI
USB	2x USB 3.2 Gen 2 ports (10Gbps)
Audio	Audio jack on rear I/O with Line-out and on board pin header with Line-in, Line-out, and Mic-in
Ethernet	- Intel® I210 GbE controller and MaxLinear GPHY215 GbE PHY - Dual RJ45 connectors on rear I/O with two LED indicators
Other	TPM 2.0 on board

## Power Supply Unit

Power Input	DC 12V
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## Environmental

Operation Temperature	-20°C~60°C
Storage Temperature	-40°C~85°C
Relative Humidity	95%@40°C, non-condensing
Operation Vibration	5Grms/10~500Hz, IEC 60068-2-6
Operation Shock	50G, 11msec, IEC 60068-2-27

## Mechanical

Dimension	150 x 150 x 66mm
Weight	1.4 Kg
Mounting	Wall, DIN-rail mounting



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