

BOXER-6406-ADN

Compact & fanless embedded PC with Intel Atom® x7211E & Intel® Processor N-series CPUs

Features

- › Intel® Atom® x7211E and Intel® Processor N-series CPUs
- › Up to 32GB DDR5 4800Mhz SODIMM
- › 2x USB 3.2 Gen 2 (Type-A)
- › 2x 2.5GbE LAN
- › 1x M.2 2280 M-Key, 1x M.2 2230 E-Key
- › Onboard TPM 2.0
- › Wide Range 9 ~ 36V DC input
- › Wide temperature operation (-20°C to 60°C)

BRAND-NEW



2x HDMI



Ultra-slim design



Fanless operation

Unleash power and efficiency

Experience unparalleled computing power in a remarkably compact form with the BOXER-6406-ADN. This fanless embedded PC stands as a testament to technological innovation, fueled by Intel Atom® x7211E and Intel® Processor N-series processors. Purpose-built for applications demanding exceptional CPU performance and connectivity versatility, the BOXER-6406-ADN sets a new standard for AMR, kiosk, and smart manufacturing solutions.

As the digital landscape evolves, connectivity is paramount. The BOXER-6406-ADN embraces this evolution by delivering not only computing power but also the connectivity required for the future. This ultra-slim embedded PC transcends limitations, expanding the horizons of what compact computing can achieve. Aesthetics meet practicality in the compact dimensions of the BOXER-6406-ADN, measuring 186mm x 106.6mm x 49.1mm).

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SYSTEM

Processor	Intel® Processor N200 Intel® Processor N50 Intel Atom® x7211E (formerly Alder Lake-N)
Chipset	Intel® SoC
Memory	Up to 32GB DDR5 4800Mhz SODIMM
Storage Device	1x 2.5" SATA HDD/SSD 1x M.2 2280 M-Key (2x PCIe Gen 3)
OS support	Windows® 10 IoT Enterprise Windows® 11 Pro Linux Ubuntu 22.04

I/O

Ethernet	2x RJ-45 for 2.5GbE LAN (Intel® I226-LM)
USB	2x USB 3.2 Gen2 (Type-A) 2x USB 2.0 (Type-A)
Video	2x HDMI 1.4b (Type-A)
Serial port	3x DB-9 for RS-232/422/485 1x DB-15 male for digital I/O 8-channel
Other	1x Power Button with LED
Expansion	1x M.2 2280 M-Key (PCIe x2) 1x M.2 2230 E-Key 1x Full-size mini card (PCIe + USB) 1x SIM slot

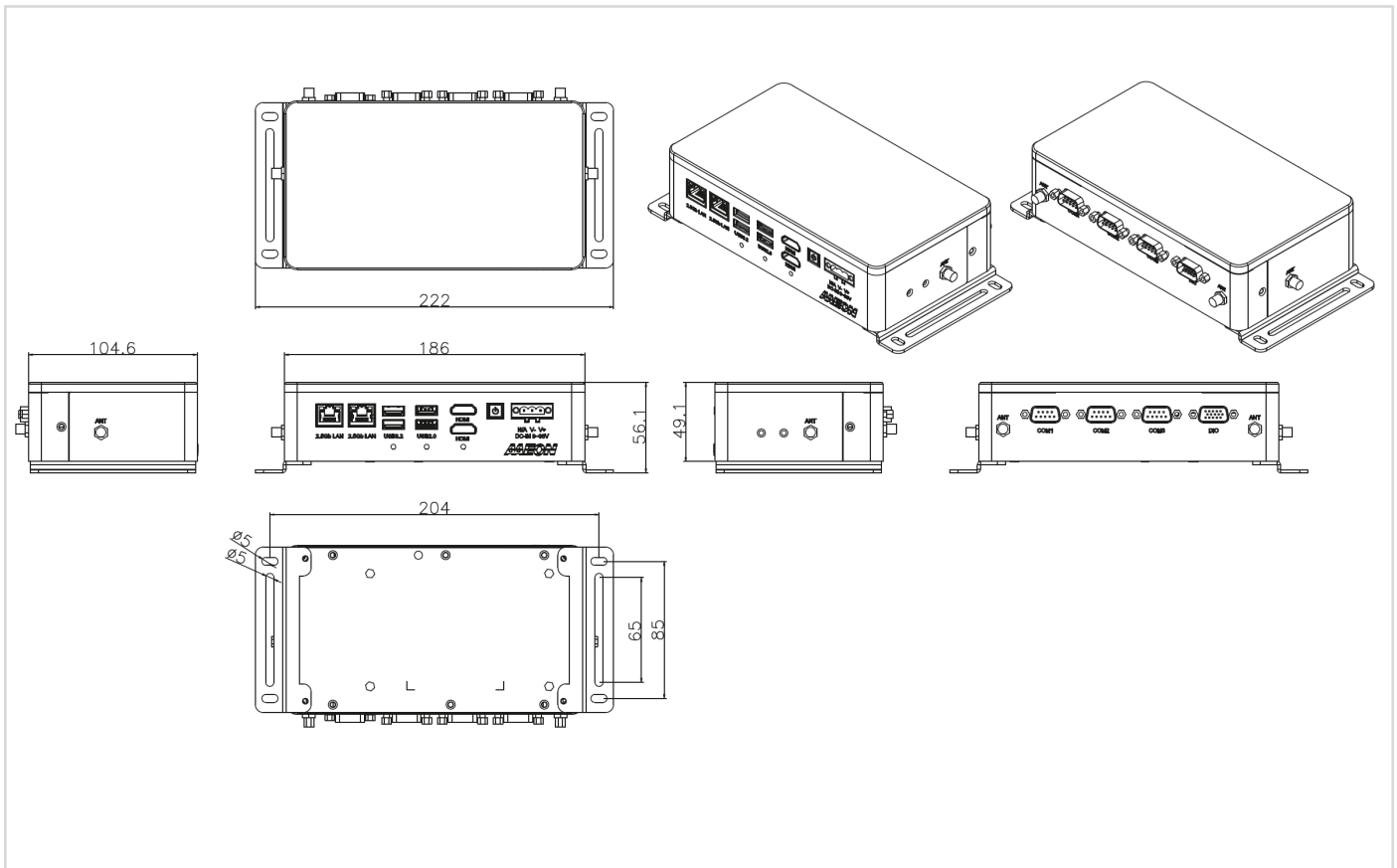
MECHANICAL

DC Input	9 ~ 36V DC-In x 1 for 3-pin Terminal Block
Dimensions	186 mm (W) x 49.1mm (D) x 104.6 mm (H)
Weight	1.96 kg (gross weight), 1.16 kg (net weight)
Mounting	Wall-mount
Operating temperature	-20°C ~ 60°C, according to IEC68-2 with 0.5 m/s AirFlow (w/ Industrial wide Temp. SSD/RAM)
Storage temperature	-40°C ~ 80°C
Humidity	5% ~ 95% @ 40 °C, non-condensing
Vibration	3 Grms/ 5 ~ 500Hz/ operation (with SSD)
Shock	50G, IEC 68-2-27, half sine, 11 ms duration (with SSD)
Certifications	CE/FCC Class A

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Appearance and dimensions (mm)



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Ordering information

BOXER-6406-ADN

MODEL NO.	
BOXER-6406-ADN-A1-1010	Intel® Processor N200, 2x LAN, Intel SoC, 2x USB 3.2 Gen 2, 2x USB 2.0, 3x RS-232/422/485, 1x M.2 2280 M-Key (PCIe Gen 3 x2), 1x 2.5" SATA Drive Bay, 2x HDMI, 1x M.2 2280 M-Key (PCIe Gen 3 x2), 1x M.2 2230 E-Key, 1x Full-size mini card (PCIe + USB), 1x SIM slot, Wallmount, 9~36V DC in, (-20°C ~ 60°C), according to IEC68-2 with 0.5 m/s AirFlow (w/ Industrial wide Temp. SSD/RAM)
BOXER-6406-ADN-A2-1010	Intel® Processor N50, 2x LAN, Intel SoC, 2x USB 3.2 Gen 2, 2x USB 2.0, 3x RS-232/422/485, 1x M.2 2280 M-Key (PCIe Gen 3 x2), 1x 2.5" SATA Drive Bay, 2x HDMI, 1x M.2 2280 M-Key (PCIe Gen 3 x2), 1x M.2 2230 E-Key, 1x Full-size mini card (PCIe + USB), 1x SIM slot, Wallmount, 9~36V DC in, (-20°C ~ 60°C), according to IEC68-2 with 0.5 m/s AirFlow (w/ Industrial wide Temp. SSD/RAM)
BOXER-6406-ADN-A3-1010	Intel Atom® x7211E, 2x LAN, Intel SoC, 2x USB 3.2 Gen 2, 2x USB 2.0, 3x RS-232/422/485, 1x M.2 2280 M-Key (PCIe Gen 3 x2), 1x 2.5" SATA Drive Bay, 2x HDMI, 1x M.2 2280 M-Key (PCIe Gen 3 x2), 1x M.2 2230 E-Key, 1x Full-size mini card (PCIe + USB), 1x SIM slot, Wallmount, 9~36V DC in, (-20°C ~ 60°C), according to IEC68-2 with 0.5 m/s AirFlow (w/ Industrial wide Temp. SSD/RAM)

PACKING LIST

BOXER-6406-ADN	2x wallmount bracket, 1x screw package, 3 Pin DC-In Power Connector, BOXER-6406-ADN
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OPTIONAL ACCESSORIES

1255900603	12V 60W Power Adapter
1255900849	12V 84W Power Adapter
1702031802	Power Cord (US type)
1702031803	Power Cord (European Type)
170203180E	Power Cord (Japanese Type)
9741EG25G0	4G Module & Antenna (for global)