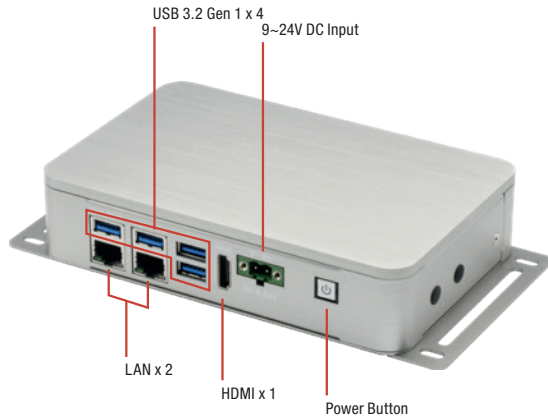


# BOXER-6405U

Fanless Compact Embedded Computer with Intel® Atom™ Processor N3350/N4200

Front View



Rear View



## Features

- Slim Design: Min. height 37mm
- Designed for Embedded Automation Controller
- Gigabit Ethernet x 2, USB x 4
- 2G DDR3L On-board
- eMMC On-board, up to 32G
- Operate in -20 °C ~ 50 °C environment

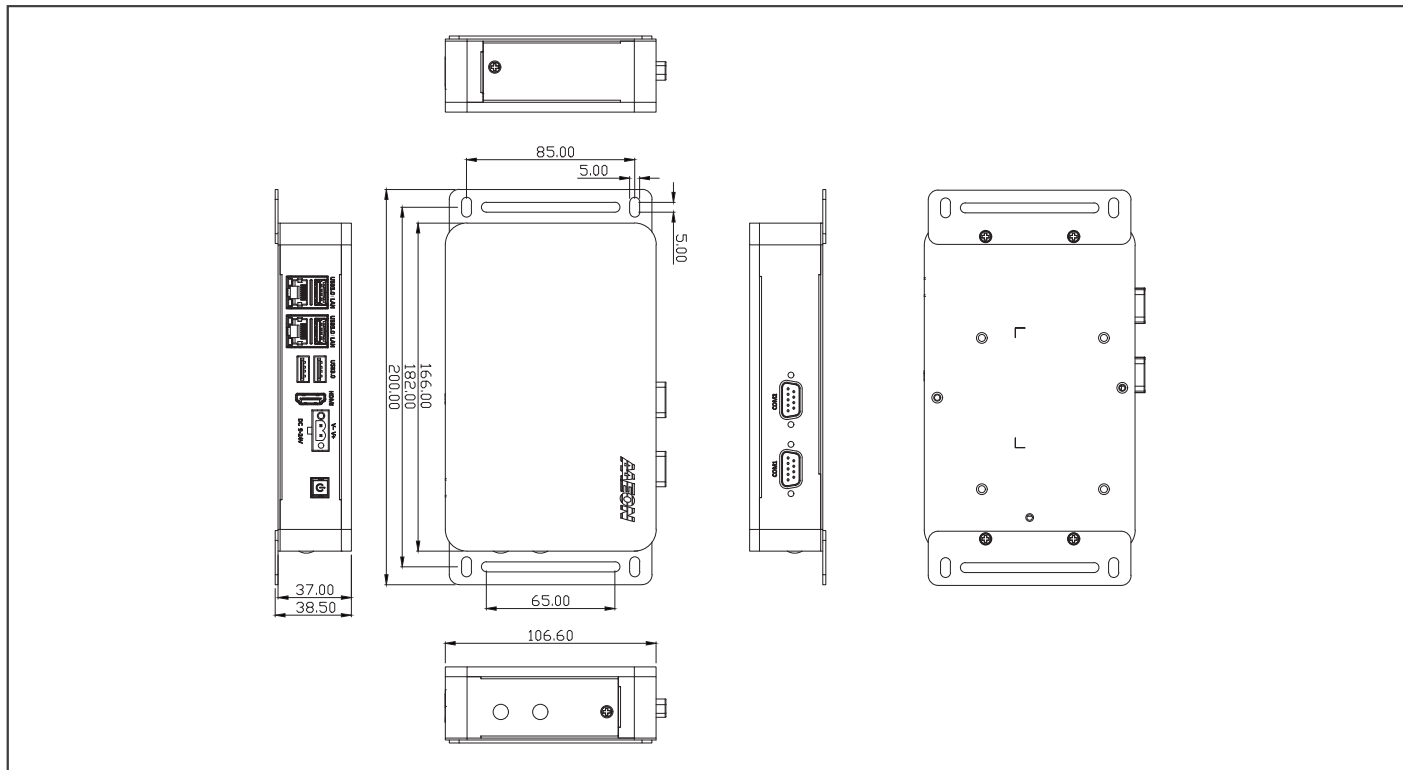


## Specifications

System	
CPU	Intel® Pentium® N4200 Intel® Celeron® N3350
Chipset	Intel® System on Chip
System Memory	DDR3L 2G 1600 Onboard
Display Interface	HDMI
Storage Device	16 or 32G eMMC Onboard
Ethernet	RJ-45 x 2 for 10/100/1000 Base-TX (Intel® i211)
I/O	LAN x 2 USB 3.2 Gen 1 x 4 HDMI x 1 DB9 x 2 for RS-232 2-pin 9~24V DC Power Input x 1 Power Button x 1
Expansion	Full-size Minicard x 1 (PCIe/USB) Half-size Minicard x 1 (PCIe/USB, Optional for mSATA)
Indicator	Power LED on Power Button
OS Support	Windows® 10 Windows® 10 IoT Linux Ubuntu 16.04.4
Power Supply	
Power Requirement	9 - 24V with 2-pin Phoenix connector
Mechanical	
Mounting	Wallmount
Dimensions (W x H x D)	6.54" x 4.2" x 1.45" (166mm x 106.6mm x 37mm)
Gross Weight	3.6 lb (1.6kg)
Net Weight	1.76 lb (0.8 kg)
Environmental	
Operating Temperature	-4°F ~ 122°F (-20°C ~ 50°C) (according to IEC68-2-14 with 0.5 m/s AirFlow ; with industrial devices)
Storage Temperature	-40°F ~ 158°F (-40°C ~ 70°C)
Storage Humidity	95% @ 40°C, non-condensing
Anti-Vibration	3 Grms/ 5 ~ 500Hz/ operation
Certification	CE/FCC class A

### Dimension

Unit: mm



### Ordering Information

Part Number	CPU	PCH	RAM	LAN	USB 3.2 Gen 1	USB 2.0	RS-232	RS-232/422/485	Digital I/O	Audio	Storage	Display	Expansion	Mounting	Power	Operation temp.
BOXER-6405U-A2-1010	N3350	SoC	2G	2	4	—	2	—	—	—	32G eMMC	HDMI x 1	Full-size Minicard x 1 Half-size Minicard x 1	Wallmount	9~24V	-20°C ~ 50°C
BOXER-6405U-A3-1010	N4200	SoC	2G	2	4	—	2	—	—	—	32G eMMC	HDMI x 1	Full-size Minicard x 1 Half-size Minicard x 1	Wallmount	9~24V	-20°C ~ 50°C

### Packing List

- Wall Mount Bracket x 1
- Screw Package x 1
- 2 Pin DC-In Power Connector x 1
- BOXER-6405U

### Optional Accessories

- **1255300403/1255X00004**  
Power Adapter
- **1702031802**  
Power Cord (US type)
- **1702031803**  
Power Cord (European Type)
- **170203180E**  
Power Cord (Japanese Type)