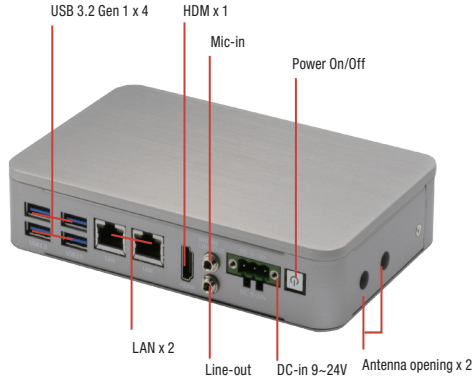


04 **BOXER-6405**

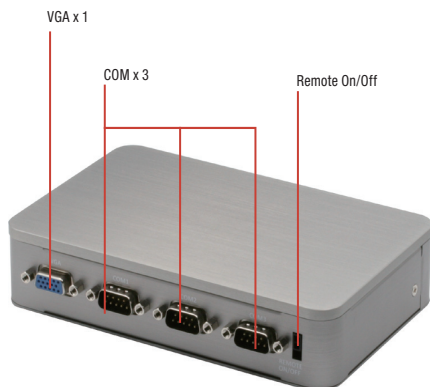
Fanless Compact Embedded Computer with Intel® Celeron®/Pentium® Processor

Ultra Slim Fanless BOX PC Solutions

Front View



Rear View



Features

- Slim Boxer Design: 37mm
- Rich I/O, Design for Auto System Control
- Wide Operating Temperature -20°C ~ 60°C
- Gigabit Ethernet x 2, USB x 4
- Support Wallmount



Specifications

System	
CPU	Intel® Celeron®/Pentium® processor
Chipset	Intel® System on Chip
System Memory	DDR3L 1866, Single Channel SODIMM x 1, Non-ECC (Max.8GB, up to 1600MHz)
Display Interface	HDMI (max. 1920 x 1080)
Storage Device	mSATA
Ethernet	Intel® i211-AT x 2
I/O	Power Button x 1 USB Type A x 4 for USB 3.2 Gen 1 HDMI type A x 1 for HDMI v1.4b RJ-45 x 2 for GbE LAN with LED indicator (i211-AT x 2) Power input x 1 3-pin terminal block in default (+, -, GND) Co-layout 3-pin terminal block & lockable DC-in jack.) Co-layout internal DC Mic-in x 1, Line-out x 1 RS-232/422/485 x 3 with automatic flow control (switch by BIOS) VGA x 1 Remote On/Off Antenna opening x 2 DC-in 3-pin terminal block(9~24V) x 1
Expansion	Full-size Mini PCIe slot x 1 (PCIe/USB/SIM slot), one screw Half-size Minicard slot x 1 (mSATA only)
Indicator	Power LED x1, HDD active LED x1
OS Support	Windows® 10, Windows® 10 IoT, Linux
Power Supply	
Power Requirement	9-24V with 3-pin terminal block
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 ~ 140°F (-20°C ~ 60°C) with W.T. mSATA (according to IEC68-2-14 with 0.5 m/s AirFlow; with industrial decives)
Storage Temperature	-22°F ~ 140°F (-30°C ~ 60°C)
Storage Humidity	95% @ 40°C, non-condensing
Anti-Vibration	3 Grms/ 5 ~ 500Hz/ operation – mSATA 1 Grms/ 5 ~ 500Hz/ operation - HDD
Anti-Shock	—
Certification	CE/FCC class A

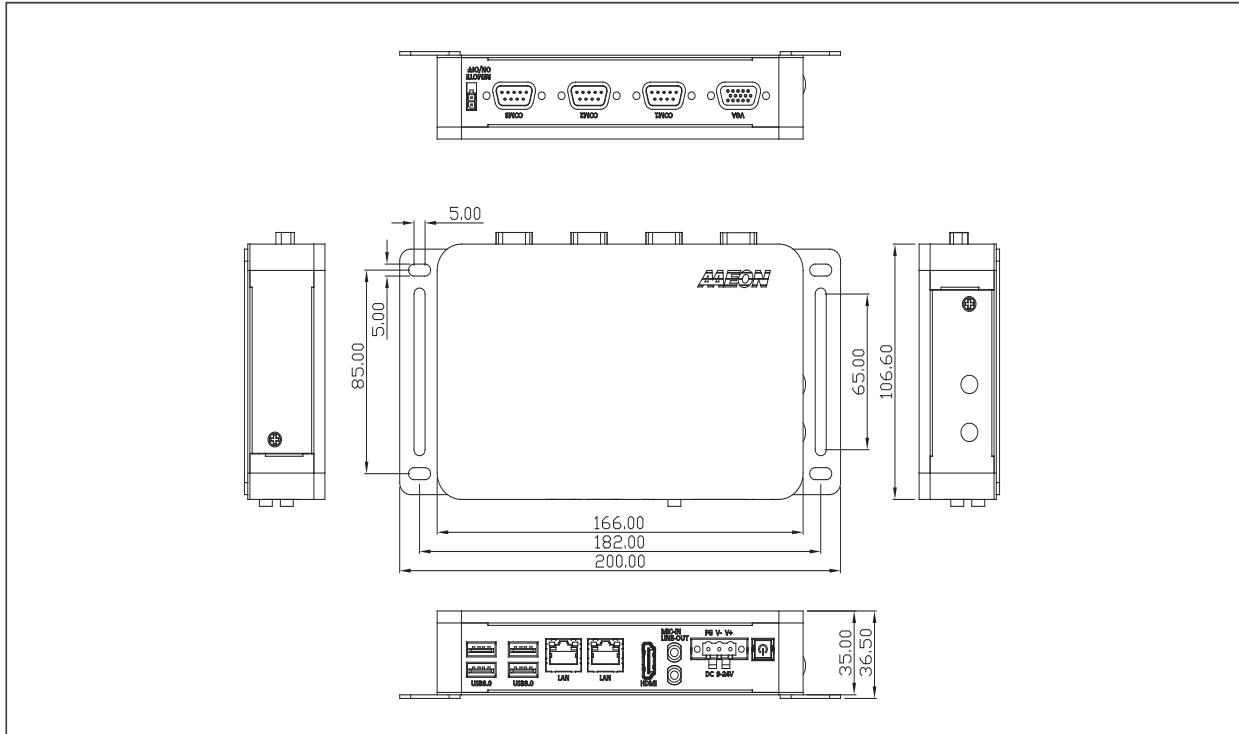
BOXER-6405

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Ultra Slim Fanless BOX PC Solutions

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-6405-A1-1011	N3350	SoC	—	2	4	—	—	3	—	MIC-in, Line-out	mSATA x 1	VGA/ HDMI x1	Full-size Minicard x 1 Half-size Minicard x 1	Wallmount	9-24V	-20°C ~ 60°C
BOXER-6405-A2-1011	N4200	SoC	—	2	4	—	—	3	—	MIC-in, Line-out	mSATA x 1	VGA/ HDMI x1	Full-size Minicard x 1 Half-size Minicard x 1	Wallmount	9-24V	-20°C ~ 60°C

Packing List

- Wallmount Bracket x 2
- 3 Pin DC-In Power Connector x 1
- BOXER-6405

Optional Accessories

- 125530040F
Power Adapter
- 1702031802
Power Cord (US type)
- 1702031803
Power Cord (European Type)
- 170203180E
Power Cord (Japanese Type)
- 9741238H00
WiFi Module & Antenna
- 9741EG2560
4G Module & Antenna (for global)
- 9741640404
Din Rail Mount Kit

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660