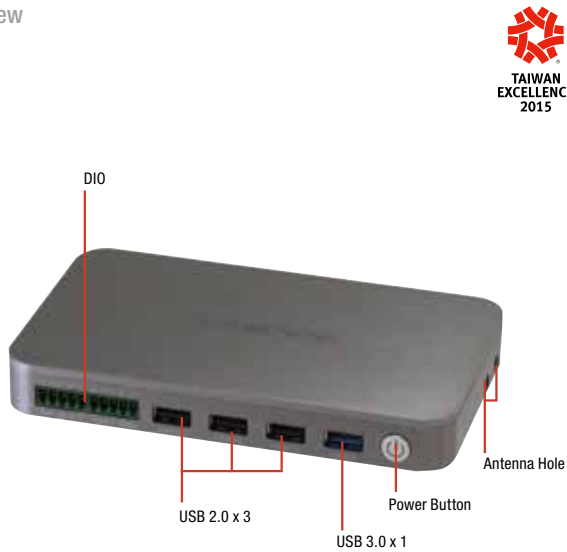


# 07 BOXER-6403

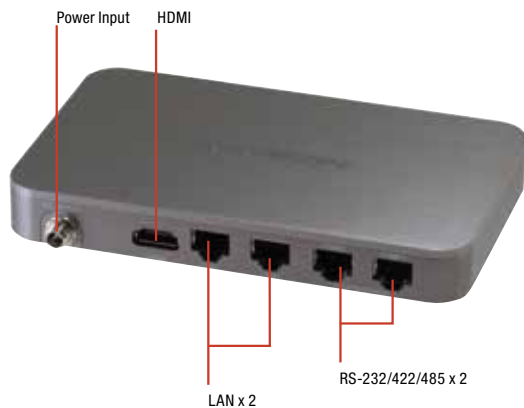
Ultra Slim Fanless BOX PC Solutions

Compact Embedded Box PC with Intel® Celeron®/ Atom™ Processor SoC

Front View



Rear View



## Features

- Slim, Palm-sized, Fanless Box: 20mm
- 4 Digital Input & 2 Digital Output Support Dry Contact & Wet Contact
- HDMI Output
- Seamless Communication for WiFi, 3G, 4G, GPS, Bluetooth & ZigBee
- Aluminum Die Casting Enclosure
- Low Power Consumption CPU

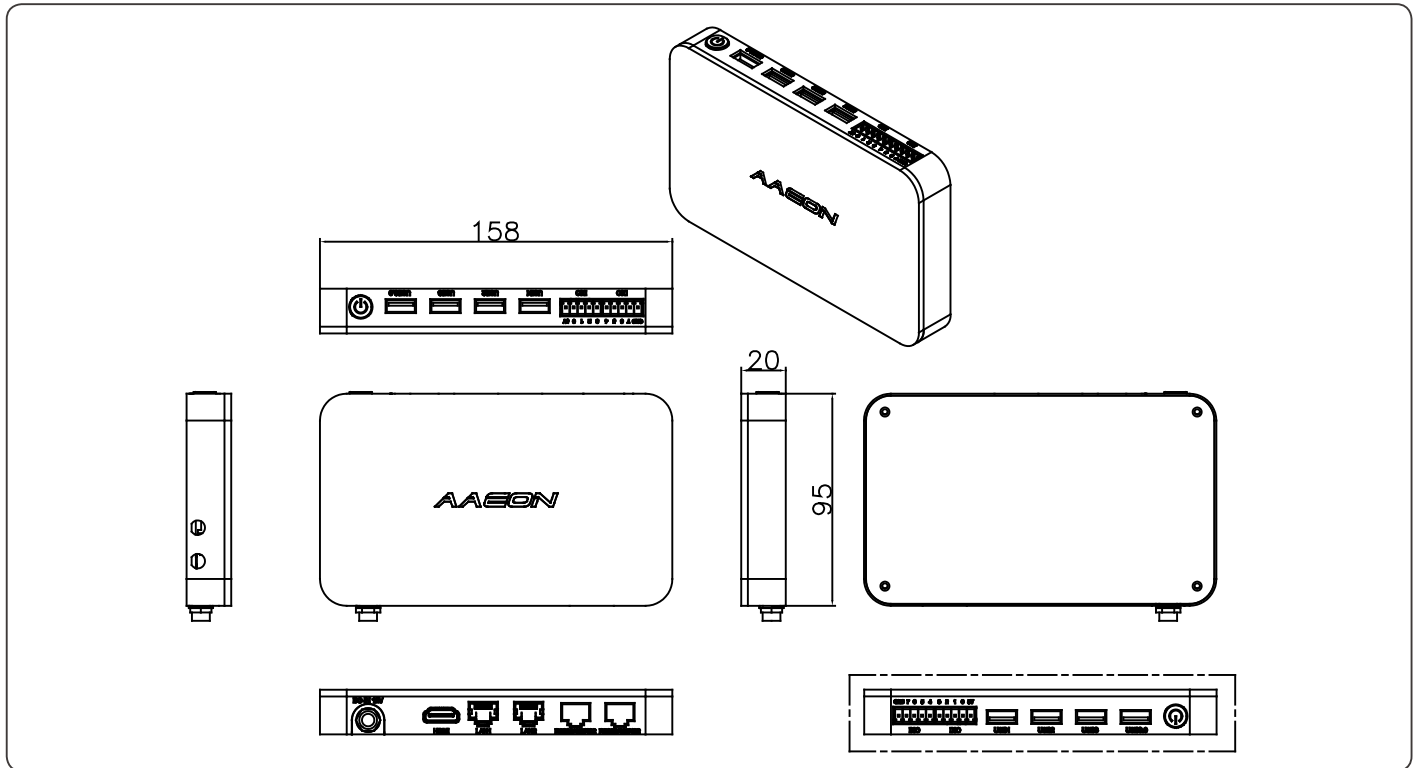


## Specifications

System	
CPU	Intel® Celeron™ J1900, 2.0 GHz Intel® Celeron® N2930, 1.83 GHz Intel® Celeron™ N2807, 1.58 GHz Intel® Atom™ E3825, 1.33 GHz
Chipset	Intel® System on Chip
System Memory	DDR3L 1333 SODIMM slot x 1, up to 8 GB (J1900 / N2930 / E3825) or 4 GB (N2807)
Display Interface	HDMI
Storage Device	mSATA
Ethernet	Intel® I211, 10/100/1000Base-TX x 2
I/O	RS-232/422/485 x 2 USB 2.0 x 3 USB 3.0 x 1 HDMI x 1 LAN x 2 Digital input x 4 Digital output x 2 Antenna holes x 2 Power button Power input
Expansion	Half Mini-Card x 1 (mSATA only) Full Mini-Card x 1 with SIM slot
Indicator	Power LED on power button
OS support	Windows® 10, Windows® 8.1, Windows® 7, Windows® Embedded 8, Windows® Embedded 7, Linux Fedora
Power Supply	
Power Requirement	12V with lockable DC jack
Mechanical	
Mounting	VESA (Mounting kit is optional) DIN rail (Mounting kit is optional)
Dimensions (W x H x D)	6.22" x 3.74" x 0.79" (158mm x 95mm x 20mm)
Gross Weight	2.56 lb (1.16kg)
Net Weight	—
Environmental	
Operating Temperature	-30°C ~ 60°C with wide temperature CFast™ card (according to IEC68-2-14 with 0.5 m/s AirFlow ; with industrial devices)
Storage Temperature	-30°C ~ 80°C
Storage Humidity	95% @ 40°C, non-condensing
Anti-Vibration	3G rms/ 5 ~ 500Hz/ operation -mSATA
Certification	CE/FCC class A

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	RAM	LAN	USB 3.0	USB 2.0	RS-232/422/485	Storage	Display	Expansion	Mounting	Power	Operation Temp.
BOXER-6403-A00-1010	Intel® N2807	Up to 4GB	2	1	3	2	mSATA bay x 1	HDMI	WiFi b/g/n (optional)	Din Rail/VESA 75	12V DC in	-30°C ~ 60°C with 0.5 m/s airflow
BOXER-6403-A01-1010	Intel® N2930	Up to 8GB	2	1	3	2	mSATA bay x 1	HDMI	WiFi b/g/n (optional)	Din Rail/VESA 75	12V DC in	-30°C ~ 60°C with 0.5 m/s airflow
BOXER-6403-A02-1010	Intel® E3825	Up to 4GB	2	1	3	2	mSATA bay x 1	HDMI	WiFi b/g/n (optional)	Din Rail/VESA 75	12V DC in	-30°C ~ 60°C with 0.5 m/s airflow
BOXER-6403-A03-1010	Intel® J1900	Up to 8GB	2	1	3	2	mSATA bay x 1	HDMI	WiFi b/g/n (optional)	Din Rail/VESA 75	12V DC in	-30°C ~ 60°C with 0.5 m/s airflow

## Packing List

- RJ-45 to COM Cable x 2
- Power Adapter
- Product CD
- BOXER-6403

## Optional Accessories

- **1702031802**  
Power Cord (US type)
- **1702031803**  
Power Cord (European Type)
- **170203180E**  
Power Cord (Japanese Type)
- **9751640300**  
4G Module & Antenna (for Europe)
- **9751640301**  
4G Module & Antenna (for USA)
- **9751640303**  
WiFi/BT Module & Antenna
- **1255300401**  
Power Adapter
- **M046403000**  
Anti-Heat Kit
- **9741640300**  
VESA Mount Kit
- **9741640301**  
DIN Rail Mount Kit