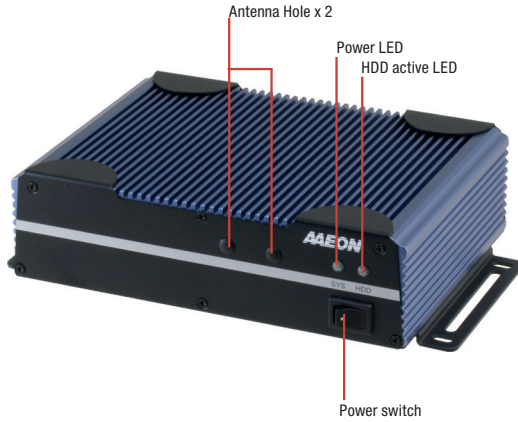


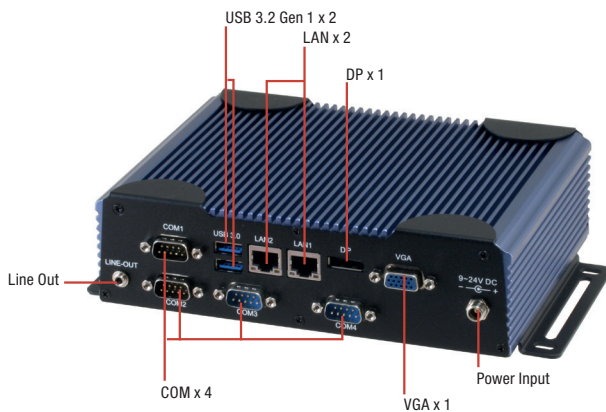
# BOXER-6638U

Fanless Embedded Box PC with 5th Generation Intel® Core™ i3 Processor SoC

Front View



Rear View



## Features

- U-Series CPU: Intel® Core™ i3-5010U
- Good for Industrial Use with 4 COM Ports
- Wide Temperature Support: -4°F ~ 140°F (-20°C ~ 60°C)
- Wide Voltage Support: 9 - 24 V

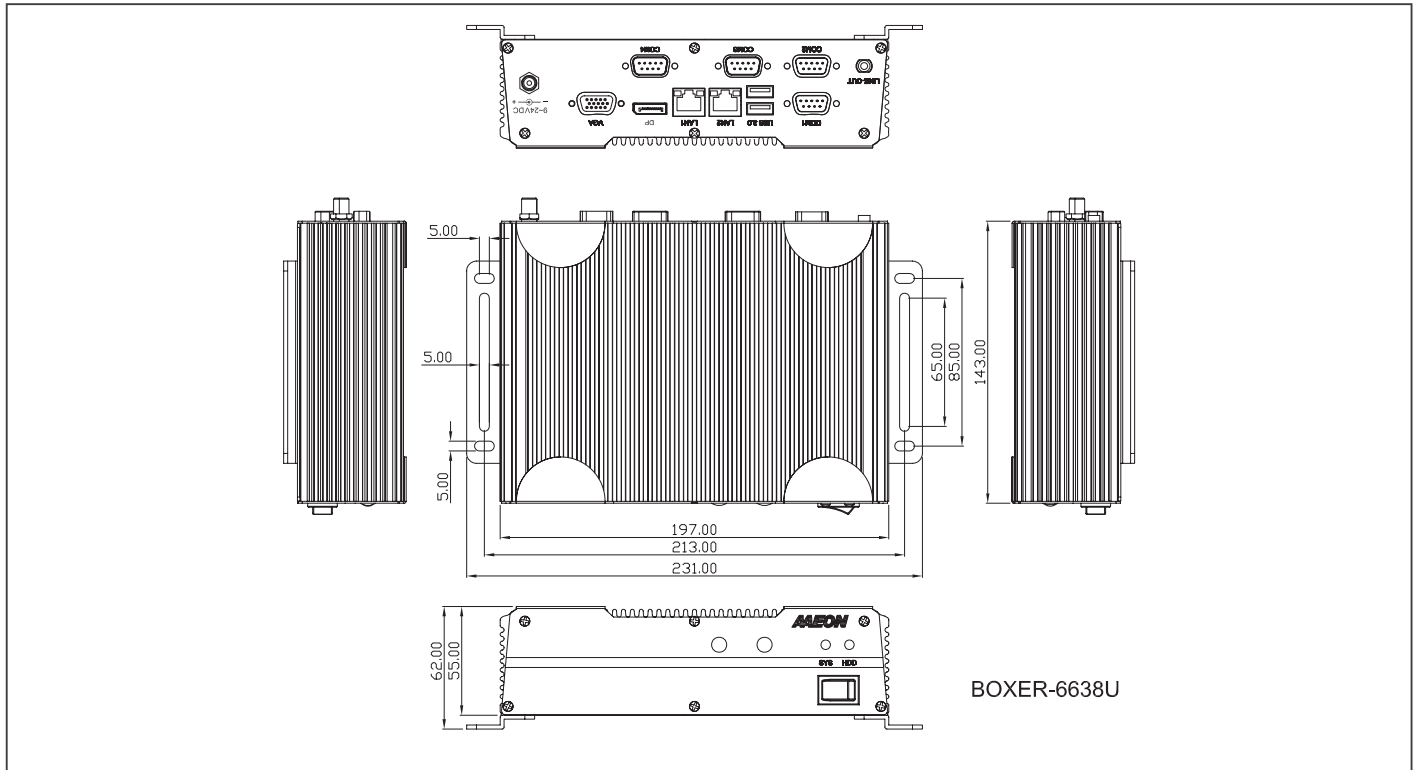


## Specifications

System	
CPU	5th Generation Intel® Core™ i3-5010U, 2.1 GHz
Chipset	Intel® System on Chip
System Memory	DDR3L 1600 SODIMM slot x 1, up to 8 GB
Display Interface	VGA, DP
Storage Device	mSATA, HDD/SSD
Ethernet	Intel® WGI211AT, 10/100/1000 Base-TX x 1 Intel® WGI218LM, 10/100/1000 Base-TX x 1
I/O	RS-232/422/485 x 2 RS-232 x 2 USB 2.0 x 2 (A2M) USB 3.2 Gen 1 x 2 VGA x 1 DP x 1 Line-out x 1 LAN x 2 Antenna holes x 2 Power switch Power input
Expansion	Full-size Mini-Card x 1 (mSATA + USB, w/ SIM slot, optional for PCI-E) Half-size Mini-Card x 1 (PCI-E + USB)
Indicator	Power LED HDD active LED
OS support	Windows® 10 (64-bit), Windows® 8.1(32/64-bit), Windows® 7 (32/64-bit), Linux Ubuntu 14.10
Power Supply	
Power Requirement	9 - 24V with lockable DC jack
Mechanical	
Mounting	Wallmount
Dimensions (W x H x D)	7.76" x 2.17" x 5.63" (197mm x 55mm x 143mm)
Gross Weight	5.5 lb (2.5 kg)
Net Weight	3.3 lb (1.5 kg)
Environmental	
Operating Temperature	-4°F ~ 140°F (-20°C ~ 60°C) with wide temperature HDD (according to IEC68-2-14 with 0.5 m/s AirFlow; with industrial devices)
Storage Temperature	-49°F ~ 176°F (-45°C ~ 80°C)
Storage Humidity	95% @ 40°C, non-condensing
Anti-Vibration	5 Grms/ 5 ~ 500Hz/ operation –mSATA / SSD 1 Grms/ 5~ 500Hz/ operation – HDD
Certification	CE/FCC class A

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	RAM	LAN	USB	RS-232	RS-232/422/485	Storage	Display	Expansion	Mounting	Power	Temp.
BOXER-6638U-A2M-1010	Intel® Core i3-5010U	—	2	4	2	2	HDD/SSD	VGA x 1 DP x 1	Full-size Mini-Card x 1 Half-size Mini-Card x 1	Wallmount	DC 9-24V	-4°F ~ 140°F (-20°C ~ 60°C) According to IEC60068-2, 0.5m/s air flow

## Packing List

- Wallmount Bracket x 2
- Screw Package x 1
- BOXER-6638U

## Optional Accessories

- **125530060Y**  
Power Adapter, 12V, 5A, 60W
- **1702031802**  
Power Cord (US Type)
- **1702031803**  
Power Cord (Europe Type)
- **170203180E**  
Power Cord (Japan Type)
- **9741681003**  
Din Rail Mount Kit