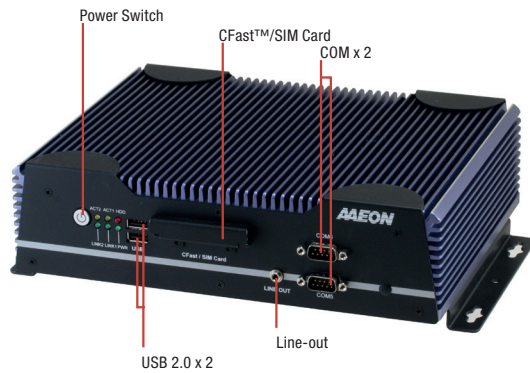


# 04 BOXER-6652

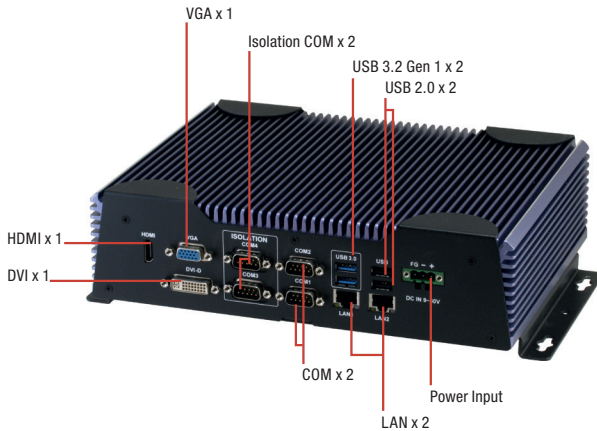
Fanless Embedded Box PC with Intel® QM87 Chipset

Compact Fanless BOX PC Solutions

Front View



Rear View



## Features

- Cable-less Design
- Intel® Core™ i5-4402E (2.7 GHz)
- Mini-Card Slot x 2 (USB & PCI-E Signal)
- Isolated RS-232/422/485 x 2

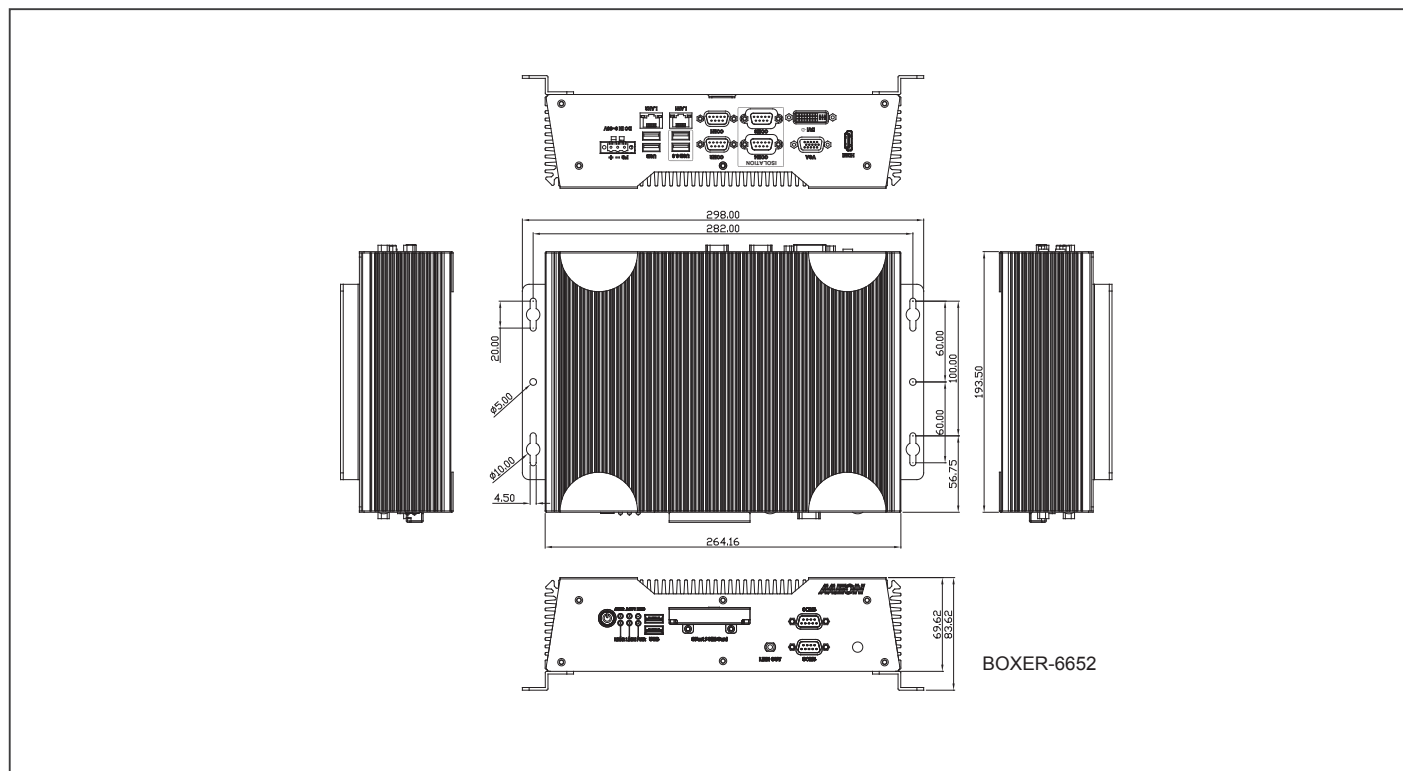


## Specifications

System	
CPU	Intel® Core™ i5-4402E, 2.7 GHz
Chipset	Intel® QM87
System Memory	DDR3L 1333/1600 SODIMM slot x 1, up to 8 GB
Display Interface	VGA, HDMI, DVI-D
Storage Device	CFast™, HDD/SSD
Ethernet	Intel® i211, 10/100/1000 Base-TX x 1 Intel® i217LM, 10/100/1000 Base-TX x 1
I/O	Isolated RS-232/422/85 x 2 RS-232 x 4 USB 2.0 x 4 USB 3.2 Gen 1 x 2 VGA x 1 HDMI x 1 DVI x 1 Line-out x 1 LAN x 2 CFast slot x 1 Antenna holes x 2 Power switch Power input
Expansion	Full-size Mini-Card x 1 (PCI-E + USB, w/ SIM slot) Half-size Mini-Card x 1 (PCI-E + USB)
Indicator	Power LED HDD active LED LAN LED
OS support	Windows® 7, Windows® 8/8.1, Windows® 10, Linux Fedora
Power Supply	
Power Requirement	9 - 30V with 3-pin terminal block
Mechanical	
Mounting	Wallmount
Dimensions (W x H x D)	10.4" x 2.74" x 7.62" (264.16mm x 69.62mm x 193.5mm)
Gross Weight	12.1 lb (5.5 kg)
Net Weight	7.7 lb (3.5 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	-4°F ~ 158°F (-20°C ~ 70°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



BOXER-6652

## Ordering Information

Part Number	CPU	RAM	LAN	USB 3.2 Gen 1	USB 2.0	RS-232	RS-232/422/485 with isolation	Audio	Storage	Display	Expansion	Mounting	Power	Temp.
BOXER-6652-A1-1010	i5-4402E	—	2	2	4	4	2	Line-out x 1	CFast slot x 1 2.5" HDD bay x 1	DVI-D x 1, VGA x 1, HDMI x 1	Full-size Mini-Card x 1 Half-size Mini-Card x 1	Wallmount Desktop	DC 9 ~ 30V	-4°F ~ 140°F (-20°C ~ 60°C) according to IEC60068-2, 0.5m/s air flow

## Packing List

- Wallmount Bracket
- Screw Package
- RAM Thermal Pad
- Phoenix Power Connector
- BOXER-6652

## Optional Accessories

- **1255900841**  
Power adapter, DC12V,7A,84W,3p phoenix
- **1702031802**  
Power Cord (US Type)
- **1702031803**  
Power Cord (European Type)
- **170203180E**  
Power Cord (Japanese Type)