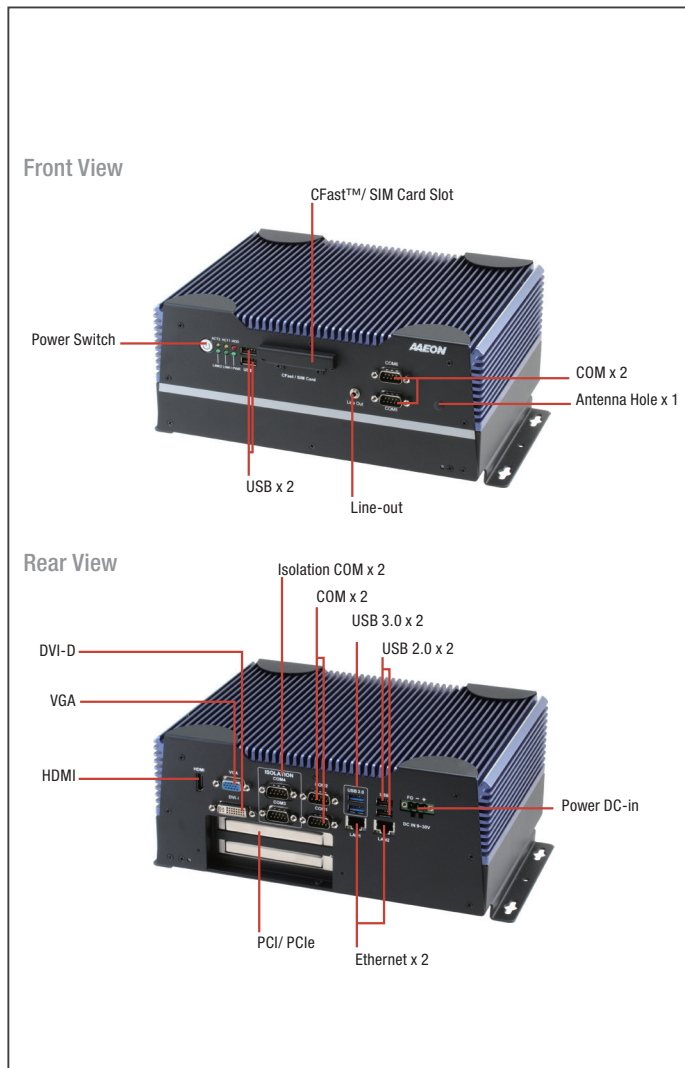


Expandable Fanless Embedded Box PC with Intel® QM87 Chipset and PCIe Expansion



Features

- Reliable System with Cable-less Design
- Intel® Core™ i5-4402E (2.7 GHz)
- Mini-Card Slot x 2 (USB & PCIe Signal) & PCIe [x1] x 2
- Rich I/O with Protection
- Isolated RS-232/422/485 x 2



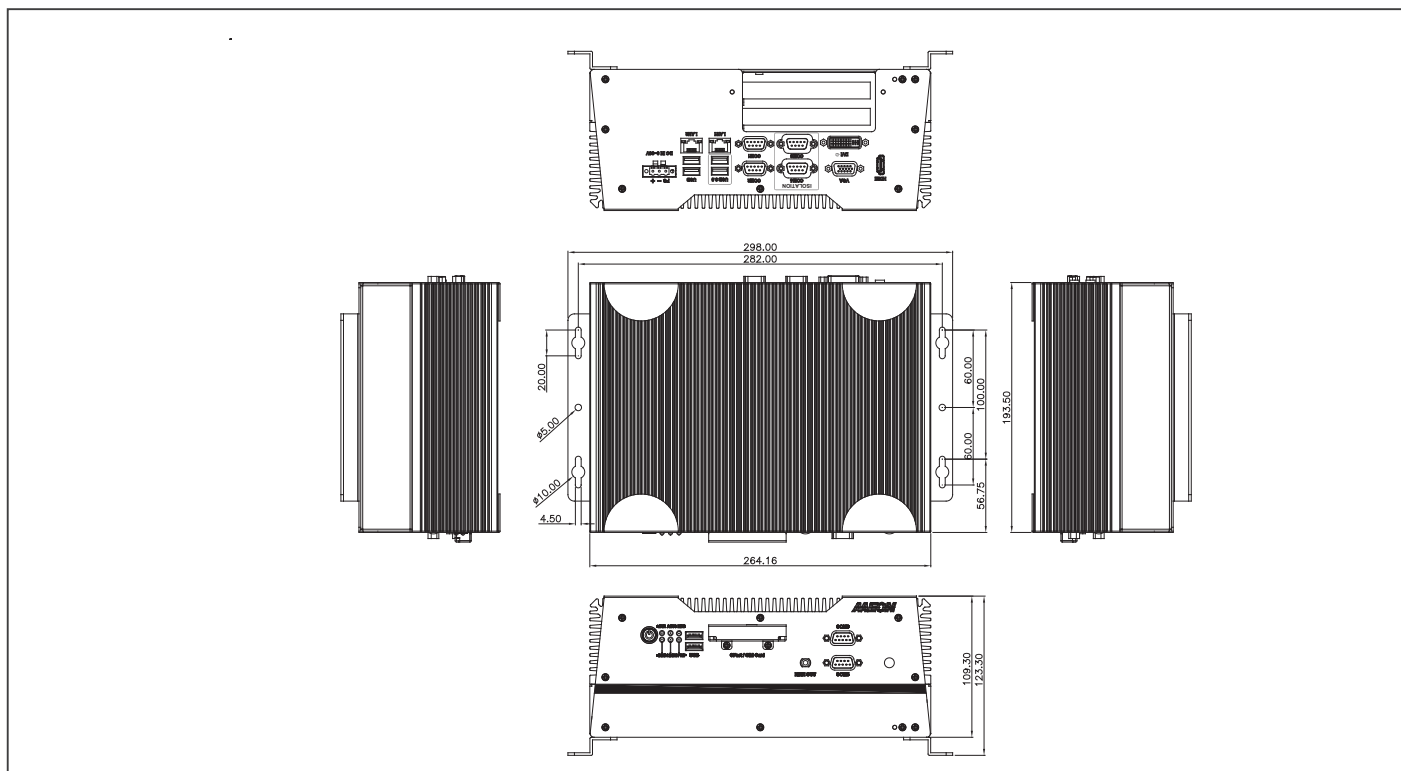
Expansion	Full-size Mini-Card x 1 Half-size Mini-Card x 1 PCI/PCIe slot x 2
Indicator	Power LED HDD active LED LAN LED
OS support	Windows® 7, Windows® 8/8.1, Windows® 10, Linux Fedora
Power Supply	
Power Requirement	9 - 30V with 3-pin terminal block
Mechanical	
Mounting	Wallmount
Dimensions (W x H x D)	10.4" x 4.3" x 7.62" (264.16mm x 109.3mm x 193.5mm)
Gross Weight	12.1 lb (5.5 kg)
Net Weight	8.8 lb (4 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

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-232/422/485 x 2 RS-232 x 4 USB 2.0 x 4 USB 3.0 x 2 VGA x 1 HDMI x 1 DVI x 1 Line-out x 1 LAN x 2 CFast slot x 1 PCI/PCIe slot x 2 Antenna holes x 2 Power switch Power input

Dimension

Unit: mm



Ordering Information

Part Number	CPU	RAM	LAN	USB 3.0	USB 2.0	RS-232	RS-232/422/485 with isolation	Audio	Storage	Display	Expansion	Mounting	Power	Temp.
BOXER-6852-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 PCIe[x1] x 2	Wall Mounted Desktop	DC 9 ~ 30V	-4°F ~ 140°F (-20°C ~ 60°C) according to IEC60068-2, 0.5m/s air flow
BOXER-6852-A2-1010	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 PCIe[x1] x 1, PCI x 1	Wall Mounted Desktop	DC 9 ~ 30V	-4°F ~ 140°F (-20°C ~ 60°C) according to IEC60068-2, 0.5m/s air flow
BOXER-6852-A3-1010	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 PCI x 2	Wall Mounted Desktop	DC 9 ~ 30V	-4°F ~ 140°F (-20°C ~ 60°C) according to IEC60068-2, 0.5m/s air flow

Packing List

- Wallmount Brackets
- Screw Package
- RAM Thermal Pad
- Phoenix Power Connector
- Product CD
- BOXER-6852

Optional Accessories

- **1255900849**
Power adapter, DC12V,7A,84W,3p phoenix
- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)
- **9741685200**
Dual HDD Bracket Kit