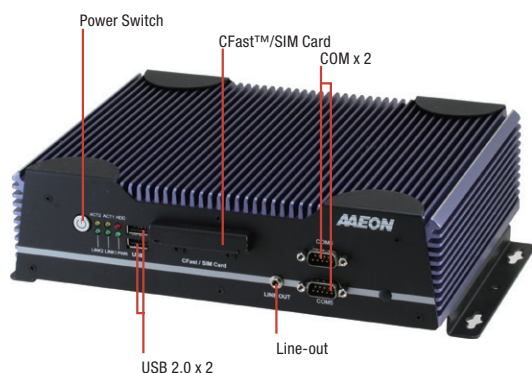
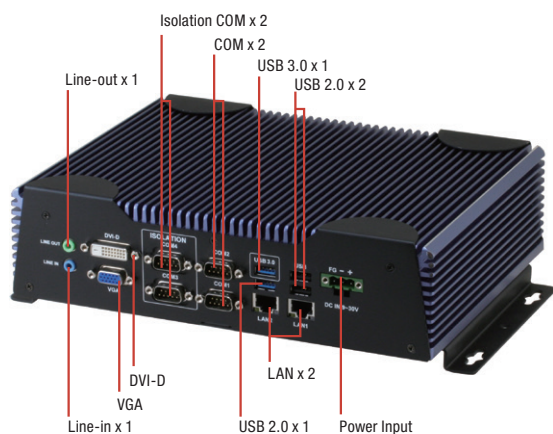


## Fanless Embedded Box PC with Intel® Atom™ E3845 Quad Core 1.91 GHz Processor SoC

Front View

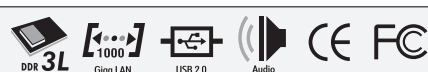


Rear View



## Features

- Intel® Atom™ E3845 Quad Core 1.91 GHz Processor SoC
- COM x 6: Isolated RS-232/422/485 x 2 + RS-232 x 4
- USB 3.0 x 1, USB 2.0 x 5
- Two Intel® Gigabit Ethernet LAN
- Intel® HD Graphics Engine
- VGA + DVI-D output
- SATA 3.0 Gb/s
- DDR3L 1333 SODIMM x 1, Memory up to 8 GB

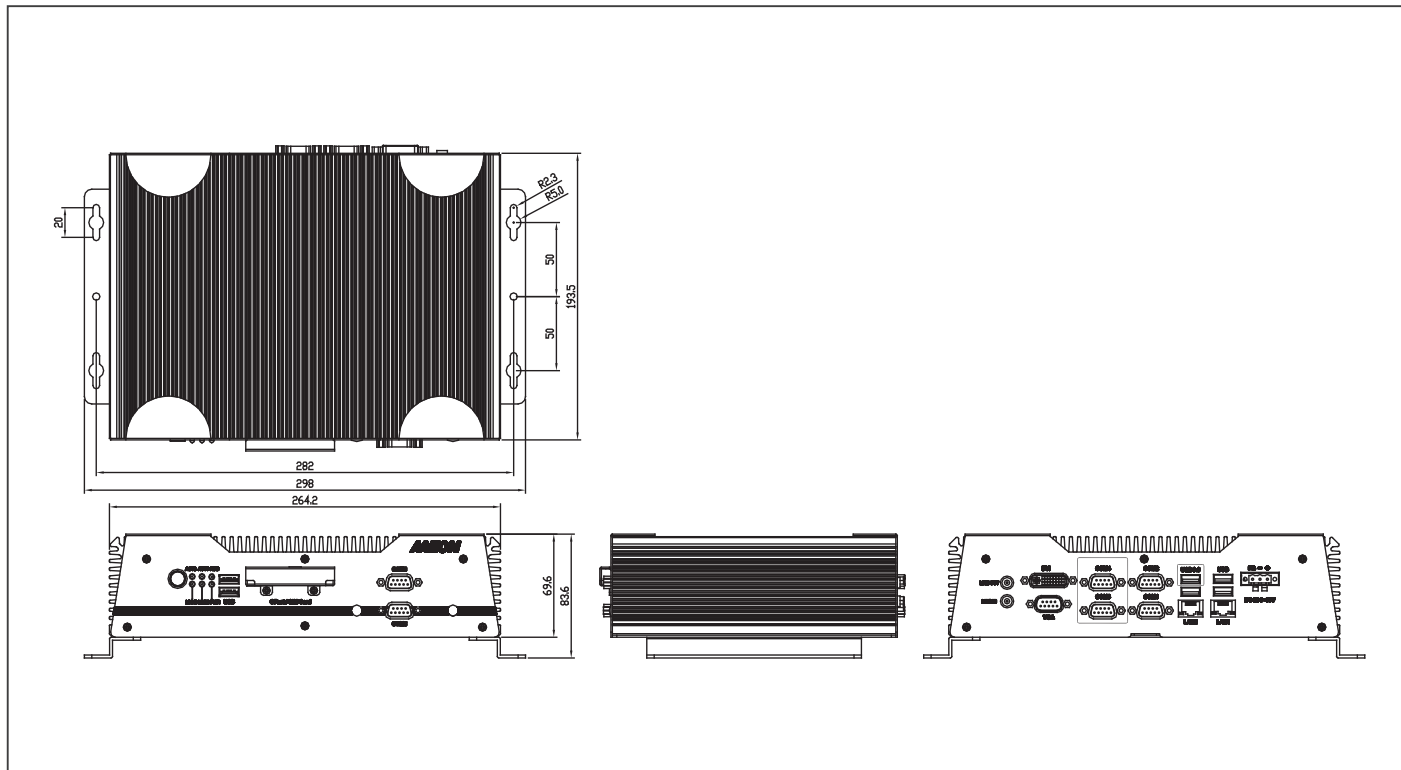


## Specifications

System	
CPU	Intel® Atom™ E3845, 1.91 GHz
Chipset	Intel® System on Chip
System Memory	DDR3L 1333 SODIMM slot x 1, up to 8 GB
Display Interface	VGA, DVI-D
Storage Device	CFast™, HDD/SSD
Ethernet	Intel® I211, 10/100/1000Base-TX x 1 Intel® I211, 10/100/1000Base-TX x 1
I/O	Isolated RS-232/422/85 x 2 RS-232 x 4 USB 2.0 x 5 USB 3.0 x 1 VGA x 1 DVI x 1 Line-in 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® 10, Windows® 8.1 (32/64-bit), Windows® 7 (32/64-bit), WES7/ WES8, Linux Ubuntu 12.04/ Kernel 3.2.0
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 ~ 158°F (-20°C ~ 65°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



## Ordering Information

Part Number	CPU	RAM	LAN	USB 3.0	USB 2.0	RS-232	Isolation RS-232/422/485	AUDIO	Storage	Accessory Cables	Display	Expansion	Mounting	Power	Temp.
BOXER-6651-A1M-1010	Intel® Atom™ E3845 SoC	—	2	1	5	4	2	Line-in x 1 Line-out x 1	CFast™ slot x 1 2.5" SATA HDD/ SSD drive bay x 1	—	VGA x 1 DVI-D X 1	Full size Mini-Card x 1 Half size Mini-Card x 1	Wallmount	DC in 9-30V	-13°F ~ 149°F (-25°C ~ 65°C) with industrial grade device (with 0.5 m/s airflow, according to IEC68-2-14)

## Packing List

- Wallmount Brackets x 2
- Screw Package x 1
- RAM Thermal Pad (60mm x 25mm x 3mm) x 1
- Phoenix Power Connector x 1
- Product DVD
- BOXER-6651

## Optional Accessories

- **1255900841 - 3 pin for BOXER-6651-A1M**  
Adapter, AC/DC, input AC, 90-264, output DC 12V, 7A, 84W, 3p phoenix ,FSP, FSP084-DIBAN2
- **1702031802**  
Power Cord (US Type)
- **1702031803**  
Power Cord (European Type)
- **170203180E**  
Power Cord (Japanese Type)