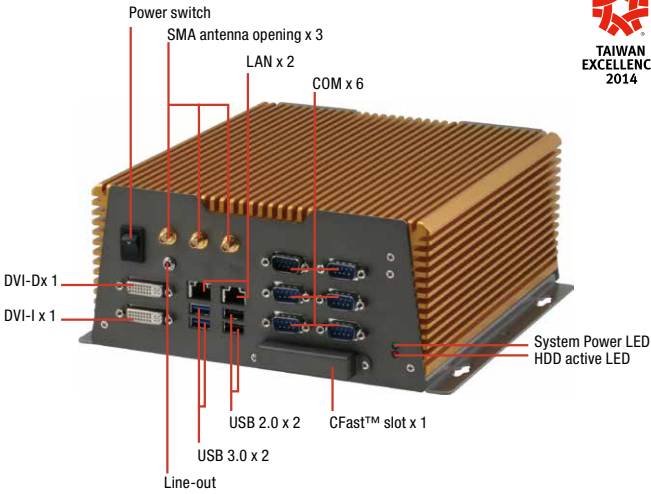


# 10 AEC-6950

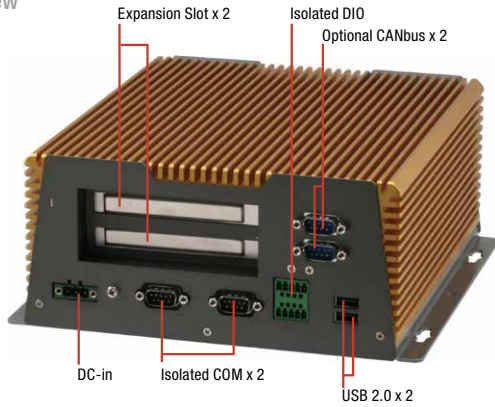
Automation Fanless BOX PC Solutions

## Fanless Embedded Box PC with Intel® QM77 Chipset

Front View



Rear View



## Features

- Intel® Core™ i7-3517UE 1.7 GHz Processor
- QM77 Chipset
- COM Module Integrated
- Isolated DI x 4 & DO x 4 (3KV)
- Isolated RS-232/422/485 x 2 (3KV)
- PCI x 2 or PCIe [x1]/ PCIe [x16]
- SIM Card Slot x 1
- PCIe Mini-Card Slot x 2
- Fanless Operation (-20°C ~ 55°C) with Airflow



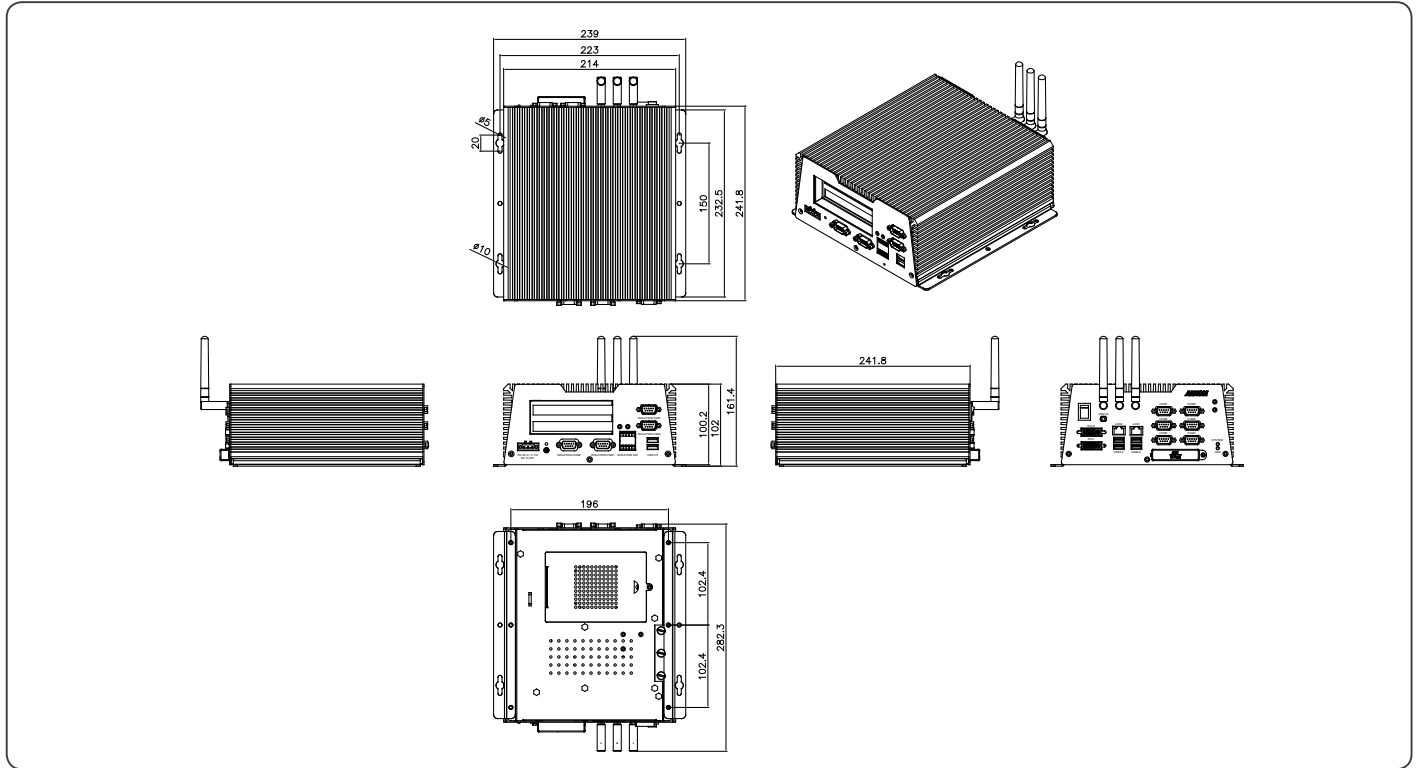
Expansion	Full-size Mini-Card x 2 PCIe [x1] x 1 & PCIe [x 16] x 1 (SKU A1) PCI x 2 (SKU A2)
Indicator	Power LED HDD active LED
OS support	Windows® 7, Windows® XP, Windows® XP Embedded, Linux Fedora
<b>Power Supply</b>	
Power Requirement	9 - 30V with 3-pin terminal block
<b>Mechanical</b>	
Mounting	Wallmount
Dimensions (W x H x D)	8.4" x 3.9" x 9.5" (214mm x 100mm x 241mm)
Gross Weight	11 lb (5 kg)
Net Weight	—
<b>Environmental</b>	
Operating Temperature	-20°C ~ 55°C with wide temperature CFast™ card (according to IEC68-2-14 with 0.5 m/s AirFlow ; with industrial devices) *Power consumption of add-on PCI/PCI-E card must be under 30W.
Storage Temperature	-20°C ~ 70°C
Storage Humidity	95% @ 40°C, non-condensing
Anti-Vibration	3 Grms/ 5 ~ 500Hz/ operation – CFast™/SSD 1 Grms/ 5~ 500Hz/ operation – HDD
Certification	CE/FCC class A, UL

## Specifications

System	
CPU	Intel® Core™ i7 3517UE 1.7 GHz
Chipset	Intel® QM77
System Memory	DDR3 1333/1600 MHz SODIMM slot x 2, up to 16 GB
Display Interface	DVI-I, DVI-D
Storage Device	CFast™, HDD/SSD
Ethernet	Intel® 82583V, 10/100/1000Base-TX x 1 Intel® 82579LM, 10/100/1000Base-TX x 1
I/O	RS-232/422/485 x 2 isolation RS-232/422/485 x 2 RS-232 x 4 USB 3.0 x 2 USB 2.0 x 4 DVI-I x1 DVI-D x 1 LAN x 2 Digital input x 4 isolated Digital output x 4 isolated CAN bus x 2 isolation (optional) Line-out x 1 CFast™ slot x 1 Antenna hole x 3 Power switc

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	RAM	LAN	USB 3.0	USB 2.0	RS-232	RS-232/422/485 + Isolation	RS-232/422/485	Isolation DIO	Storage	Display	Expansion
AEC-6950-A0-1010	Core™ i7-3517UE	—	2	2	4	4	2	2	DI x 4 & DO x 4	CFast™ x 1 & 2.5" HDD x 1	DVI-I x 1 & DVI-D x 1	Full-size Mini-PCIe Card x 2
AEC-6950-A1-1010	Core™ i7-3517UE	4 GB	2	2	4	4	2	2	DI x 4 & DO x 4	CFast™ x 1 & 2.5" HDD x 1	DVI-I x 1 & DVI-D x 1	Full-size Mini-PCIe Card x 2, PCIe [x1] x 1/PCIe [x 16] x 1
AEC-6950-A2-1010	Core™ i7-3517UE	4 GB	2	2	4	4	2	2	DI x 4 & DO x 4	CFast™ x 1 & 2.5" HDD x 1	DVI-I x 1 & DVI-D x 1	Full-size Mini-PCIe Card x 2, PCI x 2

## Packing List

- Phoenix Power Connector x 1
- Wallmount Bracket x 2
- Product DVD
- AEC-6950

## Optional Accessories

- **1255901202**  
Power Adapter (120W), Output: DC 19V
- **1702031802**  
Power Cord (US type)
- **1702031803**  
Power Cord (European Type)
- **170203180E**  
Power Cord (Japanese Type)
- **PER-T248-A10**  
CAN Bus Kit