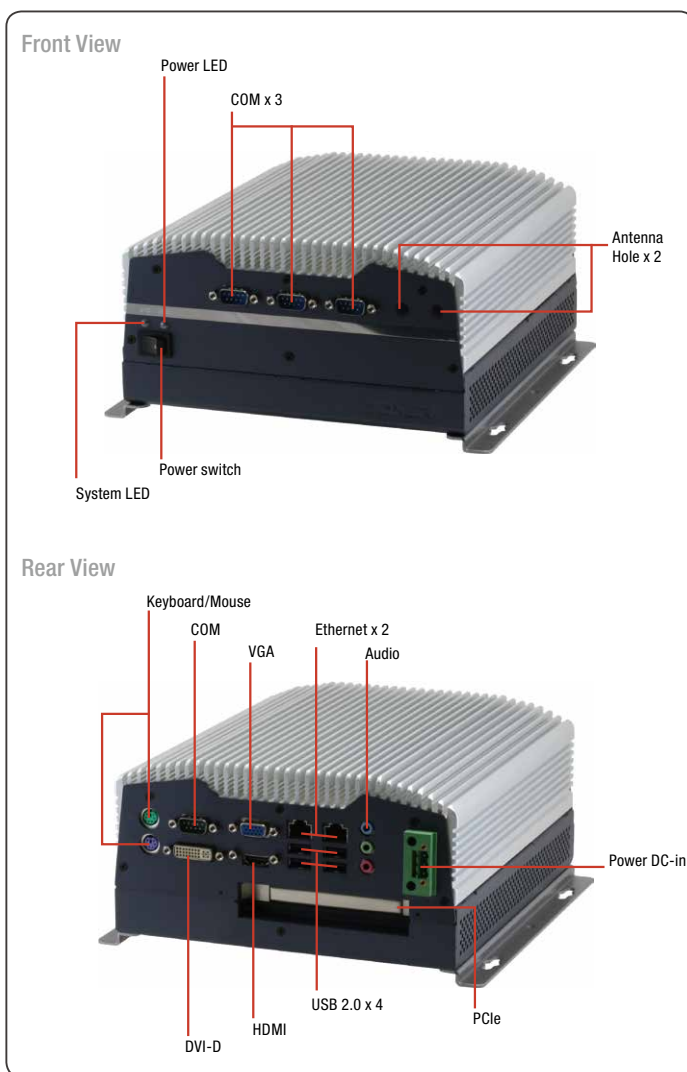


09 AEC-6876

Expandable Fanless BOX PC Solutions

Fanless Embedded Box PC with Intel® Core™ i7/ i5 /i3 /Celeron® Processor and PCIe Expansion



Features

- Intel® Core™ i7-2710QE/ i5-2510E/ i3-2330E/ Celeron®-B810 Processor
- DDR3 SODIMM x 2, Supports DDR3 1066/1333, up to 16 GB
- Intel® QM67 Chipset
- Gigabit Ethernet x 2
- Intel® Integrated Graphics Engine with Dual View Support (VGA, DVI, HDMI, LVDS)
- COM x 4
- PCI x 2, PCI Express [x4] x 1
- AAEON's Hi-Safe & Hi-Manager Support (i5/i7 SKU Only)



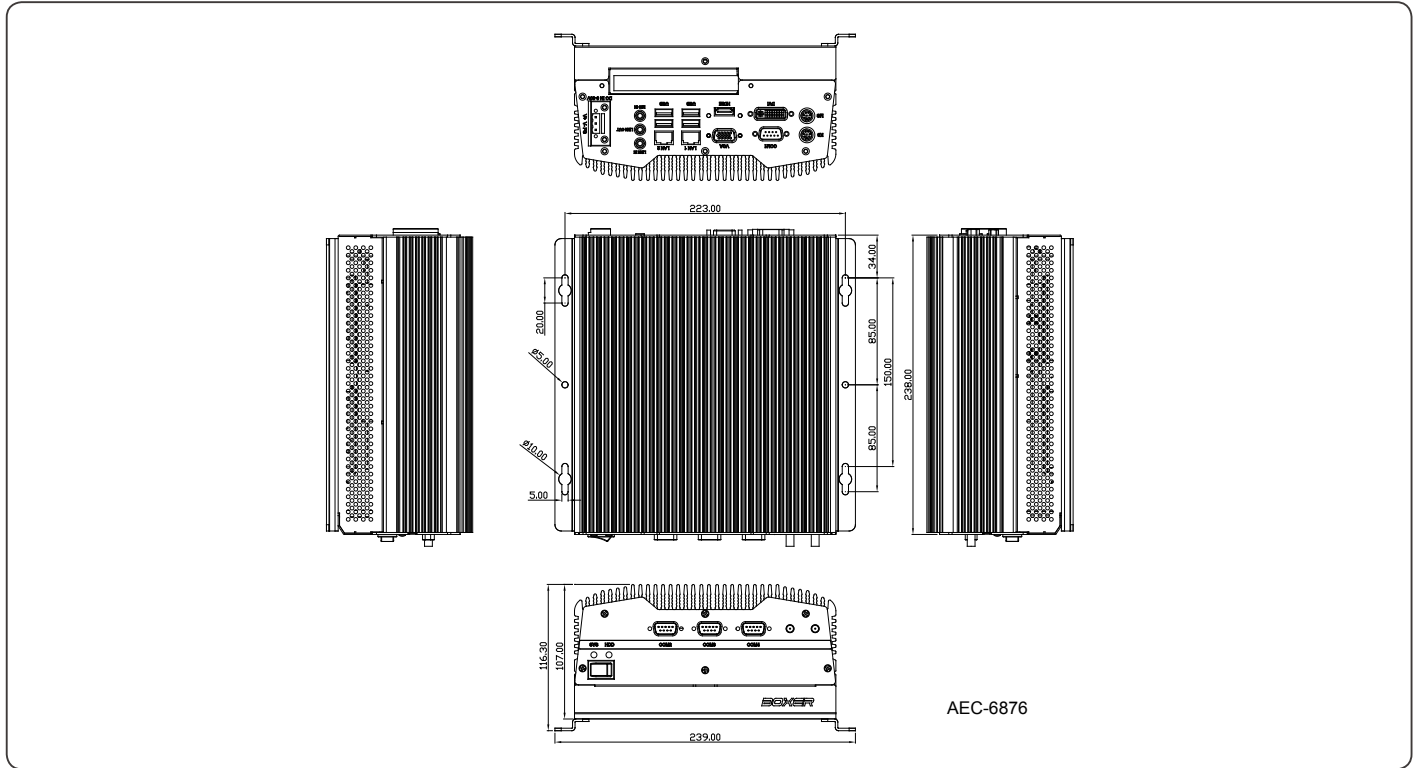
Expansion	Full-size Mini-Card x 1 PCIe x 1 (A Sku) PCI x 2 (B Sku)
Indicator	Power LED HDD active LED
OS support	Windows® 7, Windows® XP Embedded, WES2009, WES 7, Linux Fedora 13 / Kernel 2.6.33.3
Power Supply	
Power Requirement	9 - 30V with 3-pin terminal block 12V with DC Jack
Mechanical	
Mounting	Wallmount
Dimensions (W x H x D)	9.37" x 4.03" x 7.62" (223 mm x 107mm x 238mm)
Gross Weight	13.2 lb (6 kg)
Net Weight	—
Environmental	
Operating Temperature	-15°C ~ 55°C with wide temperature HDD (according to IEC68-2-14 with 0.5 m/s AirFlow ; with industrial devices)
Storage Temperature	-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™ i7-2710QE, 2.1 GHz Intel® Core™ i5-2510E, 2.5 GHz Intel® Core™ i3-2330E, 2.2 GHz Intel® Celeron® B810 1.6 GHz
Chipset	Intel® QM67
System Memory	DDR3 1066/1333 SODIMM slot x 1, up to 16 GB
Display Interface	VGA, DVI-D, HDMI
Storage Device	CFast™, HDD/SSD
Ethernet	Intel® WG82579LM, 10/100/1000Base-TX x 1 Realtek RTL-8111E, 10/100/1000Base-TX x 1
I/O	RS-232/422/485 x 1 RS-232 x 3 USB 2.0 x 4 VGA x 1 DVI x 1 HDMI x 1 Line-in x 1 Line-out x 1 Mic-in x 1 LAN x 2 PS/2 KB x 1 PS/2 Mouse x 1 PCIe slot x 1 (A Sku) PCI slot x 2 (B Sku) Antenna holes x 2 Power switch Power input

Dimension

Unit: mm



AEC-6876

Ordering Information

Part Number	CPU	RAM	LAN	USB	RS-232	RS-232/422/485	Storage	Accessory Cables	Display	Expansion	Mounting	Power	Temp.
TF-AEC-6876-A1-1110	Intel® B810 -1.6 GHz	2 GB	2	4	3	1	CFast™ kit x 1 HDD kit x 1	—	HDMI x 1, DVI-D x 1, VGA x 1	PCIe x 1 Mini-Card x 1	Wallmount	DC 12V	0°C ~ 50°C (w/o air)
TF-AEC-6876-A1M-1110	Intel® B810 -1.6 GHz	2 GB	2	4	3	1	CFast™ kit x 1 HDD kit x 1	—	HDMI x 1, DVI-D x 1, VGA x 1	PCIe x 1 Mini-Card x 1	Wallmount	DC 9-30V	0°C ~ 50°C (w/o air)
TF-AEC-6876-A2-1110	Intel® Core™ i5-2510E - 2.5 GHz	2 GB	2	4	3	1	CFast™ kit x 1 HDD kit x 1	—	HDMI x 1, DVI-D x 1, VGA x 1	PCIe x 1 Mini-Card x 1	Wallmount	DC 12V	0°C ~ 50°C (w/o air)
TF-AEC-6876-A2M-1110	Intel® Core™ i5-2510E - 2.5 GHz	2 GB	2	4	3	1	CFast™ kit x 1 HDD kit x 1	—	HDMI x 1, DVI-D x 1, VGA x 1	PCIe x 1 Mini-Card x 1	Wallmount	DC 9-30V	0°C ~ 50°C (w/o air)
TF-AEC-6876-A3M-1110	Intel® Core™ i7-2710QE - 2.1 GHz	4 GB	2	4	3	1	CFast™ kit x 1 HDD kit x 1	—	HDMI x 1, DVI-D x 1, VGA x 1	PCIe x 1 Mini-Card x 1	Wallmount	DC 9-30V	0°C ~ 50°C (w/o air)
TF-AEC-6876-A4M-1110	Intel® Core™ i3-2330E - 2.2 GHz	4 GB	2	4	3	1	CFast™ kit x 1 HDD kit x 1	—	HDMI x 1, DVI-D x 1, VGA x 1	PCIe x 1 Mini-Card x 1	Wallmount	DC 9-30V	0°C ~ 50°C (w/o air)
TF-AEC-6876-B1M-1110	Intel® B810 -1.6 GHz	2 GB	2	4	3	1	CFast™ kit x 1 HDD kit x 1	—	HDMI x 1, DVI-D x 1, VGA x 1	PCI x 2 Mini-Card x 1	Wallmount	DC 9-30V	0°C ~ 50°C (w/o air)
TF-AEC-6876-B2M-1110	Intel® Core™ i5-2510E - 2.5 GHz	2 GB	2	4	3	1	CFast™ kit x 1 HDD kit x 1	—	HDMI x 1, DVI-D x 1, VGA x 1	PCI x 2 Mini-Card x 1	Wallmount	DC 9-30V	0°C ~ 50°C (w/o air)
TF-AEC-6876-B3M-1110	Intel® Core™ i7-2710QE - 2.1 GHz	4 GB	2	4	3	1	CFast™ kit x 1 HDD kit x 1	—	HDMI x 1, DVI-D x 1, VGA x 1	PCI x 2 Mini-Card x 1	Wallmount	DC 9-30V	0°C ~ 50°C (w/o air)
TF-AEC-6876-B4M-1110	Intel® Core™ i3-2330E - 2.2 GHz	2 GB	2	4	3	1	CFast™ kit x 1 HDD kit x 1	—	HDMI x 1, DVI-D x 1, VGA x 1	PCI x 2 Mini-Card x 1	Wallmount	DC 9-30V	0°C ~ 50°C (w/o air)

Packing List

- Phoenix Power Connector
- M3 x 4mm Screws
- 6# -32 x 10mm Screws
- Wallmount Bracket x 2
- Product DVD
- AEC-6876

Optional Accessories

- **1255900841**
Power Adapter (84W), Output: DC 12V for AEC-6876-A1/A2
- **1255901202**
Power Adapter (120W), Output: DC 19V for AEC-6876-A1M/A2M/A3M/A4M/B1M/B2M/B3M
- **9741687600**
Extend 2nd 2.5" SATA HDD Assembly Kit
- **9741687601**
Mini Blower Kit for AEC-6876-Bxx/AEC-6877-Axx/AEC-6877-Bxx Factory Install
- **9741687602**
I/O Dust Cover Kit for AEC-6876
- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)