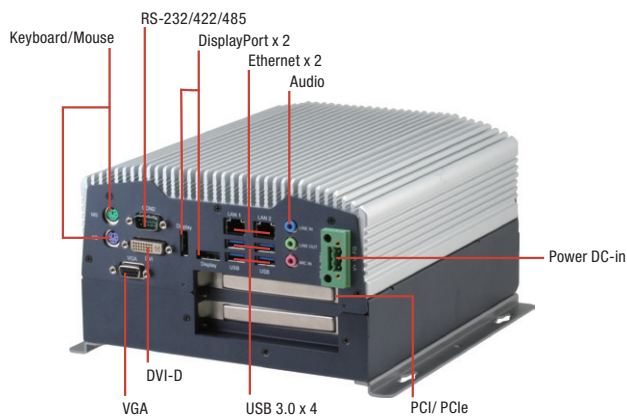


Fanless Embedded Box PC with Intel® Core™ i7/i5/Celeron® Processor and PCI/PCIe Expansion

Front View



Rear View



Features

- Intel® Core™ i7-3610QE, i5-3610ME/ i7-2710QE, i5-2510E and Celeron® B810 Processor
- Intel® QM77 Chipset
- Three Independent Video Output for DisplayPort™ x 2 + VGA or DVI (Core™ i3/i5/i7 SKU Only)
- USB 3.0 x 4
- PCI x 2 or PCI-Express [x4] x 1
- Power Protection
 - Over-Voltage Protection
 - Low Voltage Protection
 - Short Circuit Protection
 - Surge Protection (1000V DC)
- AAEON's Hi-Safe & Hi-Manager Supports (Core™ i5/i7 SKU Only)



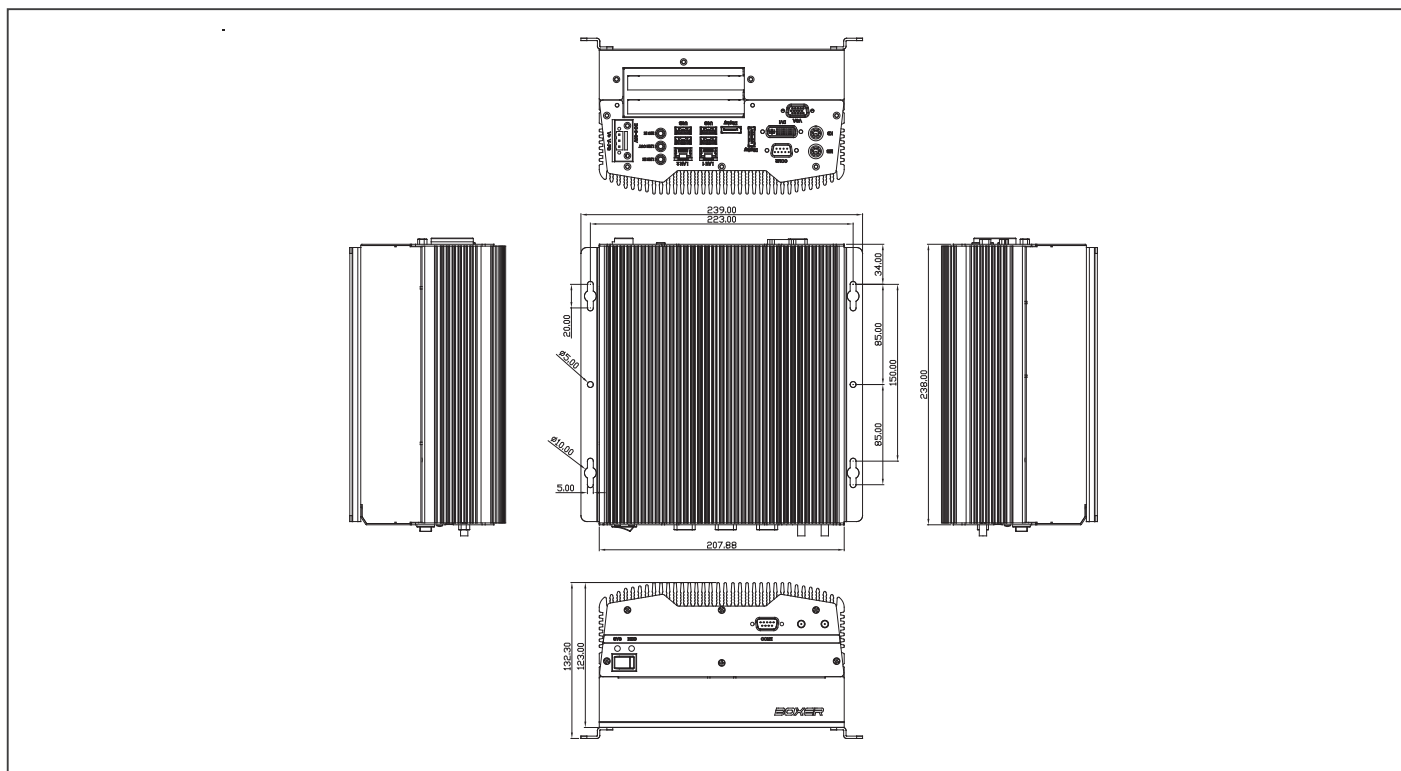
Power Supply	
Power Requirement	9 - 30V with 3-pin terminal block
Mechanical	
Mounting	Wallmount
Dimensions (W x H x D)	10.4" x 4.84" x 7.62" (264.16mm x 123mm x 193.5mm)
Gross Weight	13.2 lb (6 kg)
Net Weight	9.92 lb (4.5 kg)
Environmental	
Operating Temperature	32°F ~ 131°F (0°C ~ 55°C) with wide temperature 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™ i7-3610QE, 2.3 GHz Intel® Core™ i7-2710QE, 2.1 GHz Intel® Core™ i5-3610ME, 2.7 GHz Intel® Core™ i5-2510E, 2.5 GHz Intel® Celeron® B810 1.6 GHz
Chipset	Intel® QM77
System Memory	DDR3 1066/1333/1600 SODIMM slot x 1, up to 16 GB
Display Interface	VGA, DVI-D, DP
Storage Device	CFast™, HDD/SSD
Ethernet	Intel® 82579LM, 10/100/1000Base-TX x 1 Intel® 82583V, 10/100/1000Base-TX x 1
I/O	RS-232/422/485 x 1 RS-232 x 1 USB 3.0 x 4 VGA x 1 DVI x 1 DP x 2 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
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

Dimension

Unit: mm



Ordering Information

Part Number	CPU	RAM	LAN	USB 3.0	RS-232	RS-232/422/485	DIO	Storage	Display	Expansion	Mounting	Power	Operation temp.
AEC-6877-A1M-1010	Intel® Celeron® B810	2 GB	2	4	1	1	—	CFast™ x 1 HDD x 1	VGA x 1, DVI x 1, DP x 2	Mini-Card x 1 PCIe x 1	Wallmount	DC 9-30V	32°F ~ 122°F (0°C ~ 50°C) (w/o air)
AEC-6877-A2M-1010	Intel® i7-2710QE 2.1 GHz	2 GB	2	4	1	1	—	CFast™ x 1 HDD x 1	VGA x 1, DVI x 1, DP x 2	Mini-Card x 1 PCIe x 1	Wallmount	DC 9-30V	32°F ~ 122°F (0°C ~ 50°C) (w/o air)
AEC-6877-A3M-1010	Intel® i5-2510E 2.7 GHz	2 GB	2	4	1	1	—	CFast™ x 1 HDD x 1	VGA x 1, DVI x 1, DP x 2	Mini-Card x 1 PCIe x 1	Wallmount	DC 9-30V	32°F ~ 122°F (0°C ~ 50°C) (w/o air)
AEC-6877-A4M-1010	Intel® i7-3610QE 2.3 GHz	2 GB	2	4	1	1	—	CFast™ x 1 HDD x 1	VGA x 1, DVI x 1, DP x 2	Mini-Card x 1 PCIe x 1	Wallmount	DC 9-30V	32°F ~ 122°F (0°C ~ 50°C) (w/o air)
AEC-6877-A5M-1010	Intel® i5-3610ME 2.7 GHz	2 GB	2	4	1	1	—	CFast™ x 1 HDD x 1	VGA x 1, DVI x 1, DP x 2	Mini-Card x 1 PCIe x 1	Wallmount	DC 9-30V	32°F ~ 122°F (0°C ~ 50°C) (w/o air)
AEC-6877-B1M-1010	Intel® Celeron® B810	2 GB	2	4	1	1	—	CFast™ x 1 HDD x 1	VGA x 1, DVI x 1, DP x 2	Mini-Card x 1 PCI x 2	Wallmount	DC 9-30V	32°F ~ 122°F (0°C ~ 50°C) (w/o air)
AEC-6877-B2M-1010	Intel® i7-2710QE 2.1 GHz	2 GB	2	4	1	1	—	CFast™ x 1 HDD x 1	VGA x 1, DVI x 1, DP x 2	Mini-Card x 1 PCI x 2	Wallmount	DC 9-30V	32°F ~ 122°F (0°C ~ 50°C) (w/o air)
AEC-6877-B3M-1010	Intel® i5-2510E 2.7 GHz	2 GB	2	4	1	1	—	CFast™ x 1 HDD x 1	VGA x 1, DVI x 1, DP x 2	Mini-Card x 1 PCI x 2	Wallmount	DC 9-30V	32°F ~ 122°F (0°C ~ 50°C) (w/o air)
AEC-6877-B4M-1010	Intel® i7-3610QE 2.3 GHz	2 GB	2	4	1	1	—	CFast™ x 1 HDD x 1	VGA x 1, DVI x 1, DP x 2	Mini-Card x 1 PCI x 2	Wallmount	DC 9-30V	32°F ~ 122°F (0°C ~ 50°C) (w/o air)
AEC-6877-B5M-1010	Intel® i5-3610ME 2.7 GHz	2 GB	2	4	1	1	—	CFast™ x 1 HDD x 1	VGA x 1, DVI x 1, DP x 2	Mini-Card x 1 PCI x 2	Wallmount	DC 9-30V	32°F ~ 122°F (0°C ~ 50°C) (w/o air)

Packing List

- Phoenix Power Connector
- M3 x 4mm Screws
- 6# -32 x 10mm Screws
- Wallmount Brackets
- Product DVD
- AEC-6877

Optional Accessories

- **1255901202**
Power Adapter, (120W), Output: DC 19V
- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)
- **9741687600**
Extend 2nd 2.5" SATA HDD Kit
- **9741687601**
Mini Blower Kit for AEC-6876-Bxx/AEC-6877-Axx/
AEC-6877-Bxx Factory Install
- **9741687700**
I/O Dust Cover Kit for AEC-6877