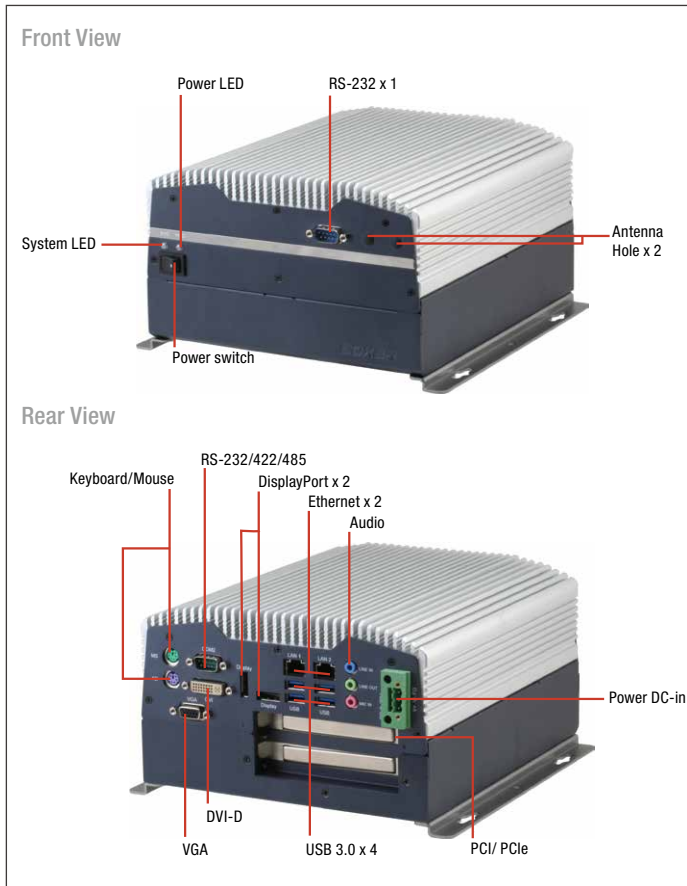


Fanless Embedded Box PC with Intel® Core™ i7/i5/Celeron® Processor and PCI/PCIe Expansion



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 PCIe[x4] x 1
- Power Protection
 - Over-Voltage Protection
 - Low Voltage Protection
 - Short Circuit Protection
 - Surge Protection (1000V_{DC})
- AAeon's Hi-Safe & Hi-Manager Support (Core™ i5/i7 SKU Only)



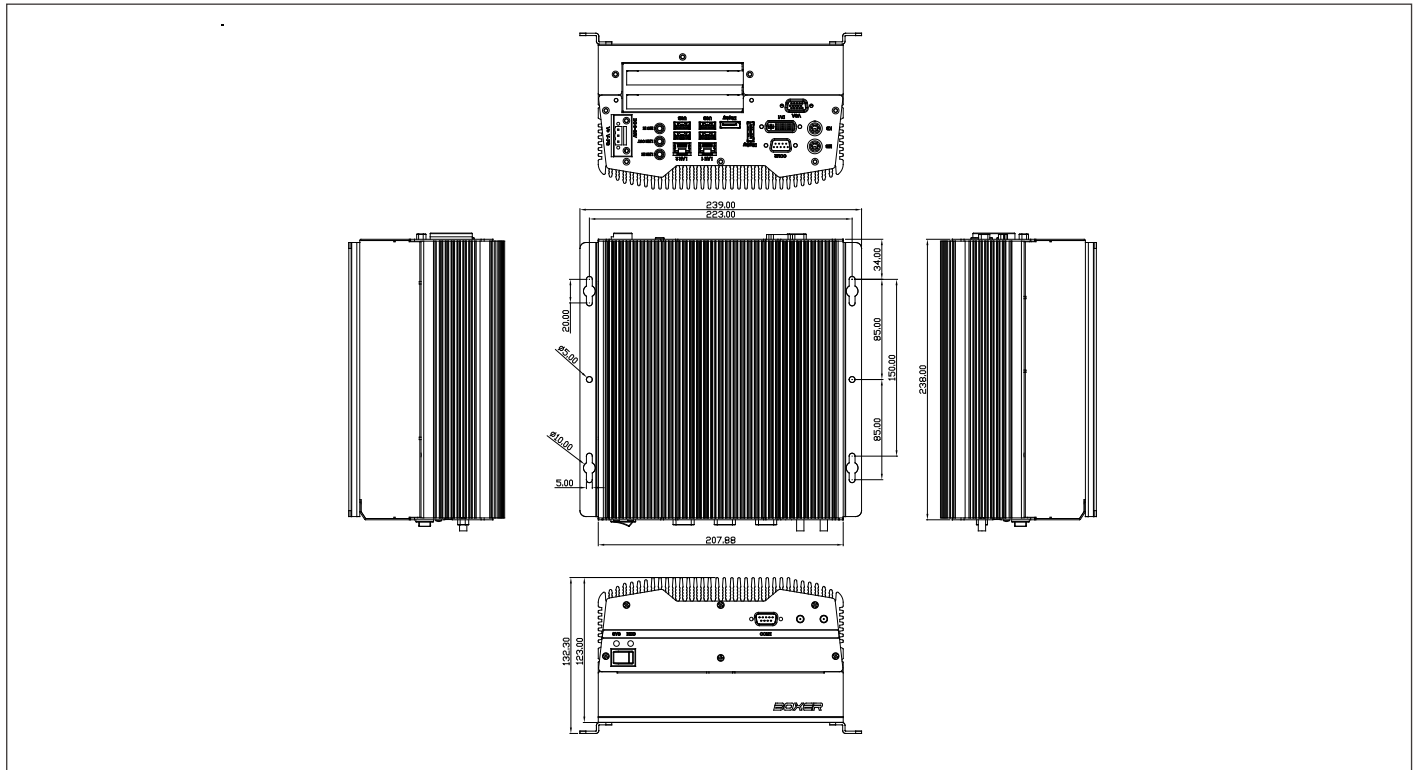
Indicator	Front	Power LED x 1, HDD active LED x 1
	Rear	—
Power Requirement	DC 9 ~ 30V with 3-pin terminal block	
Power Consumption	Intel® Core™ i7-3610QE 2.3 GHz 3.02A@19V (57.38W) without USB loading	
System Cooling	Passive cooling	
Mounting	Wallmount	
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C) – without airflow	
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)	
Storage Humidity	10%~95% @40°C, non-condensing	
Anti-Vibration	5 Grms/ 5 ~ 500Hz/ operation – CFast™ 1 Grms/ 5 ~ 500Hz/ operation – HDD	
Anti-Shock	20 G peak acceleration (11 msec. duration) – HDD	
MTBF (Hours)	50,000	
Certification	EMC	CE/FCC class A
	Safety	—
Dimension (W x H x D)	8.19" x 4.02" x 9.37" (208mm x 102mm x 238mm)	
Gross Weight	13.2 lb (6 kg)	
Note	Windows® XP Embedded, Windows® 7 32/64-bit, WES2009, WES 7 32/64-bit, Linux Fedora 13/ kernel 2.6.33.3	

Specifications

CPU	Intel® Core™ i7-3610QE 2.3 GHz, i5-3610ME 2.7 GHz Intel® Core™ i7-2710QE 2.1 GHz Intel® Core™ i5-2510E 2.5 GHz Intel® Celeron® B810 1.6 GHz with socket PGA988	
Chipset	Intel® QM77	
System Memory	204-pin dual-channel DDR3 1066/1333/1600 MHz SODIMM x 2, up to 16 GB	
Display Interface	VGA	DB-15 x 1
	DVI	DVI-D x 1, supports 1920 x 1200 @ 60 Hz
	HDMI	—
	Others	DisplayPort™ x 2
Storage Device	SSD	CFast™ slot
	HDD	SATA 6.0Gb/s x 2, support RAID 0,1
Network	LAN	10/100/1000Base-TX
	Wireless	Optional by Mini-Card
Front I/O	USB Host	—
	LAN	—
	Serial Port	DB-9 x 1 for RS-232
	DIO	—
	Audio	—
	KB/MS	—
	Others	Power button x 1, standard antenna hole x 2
Rear I/O	USB Host	USB 3.0 x 4
	LAN	RJ-45 x 2
	Serial Port	DB-9 x 1 for RS-232/422/485
	DIO	—
	Audio	Mic-in, Line-in, Line-out
	KB/MS	PS/2 KB x 1 + MS x 1
	Others	Power input x 1
Expansion	PCIe [x4]	AxM: PCIe[x4], supports max. 217 mm (length) for expansion card
	PCI	BxM: PCI x 2, supports max. 217 mm (length) for expansion card
	Mini-Card	—
	Mini PCI	—
	Others	—

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	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	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	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	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	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	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	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	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	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	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