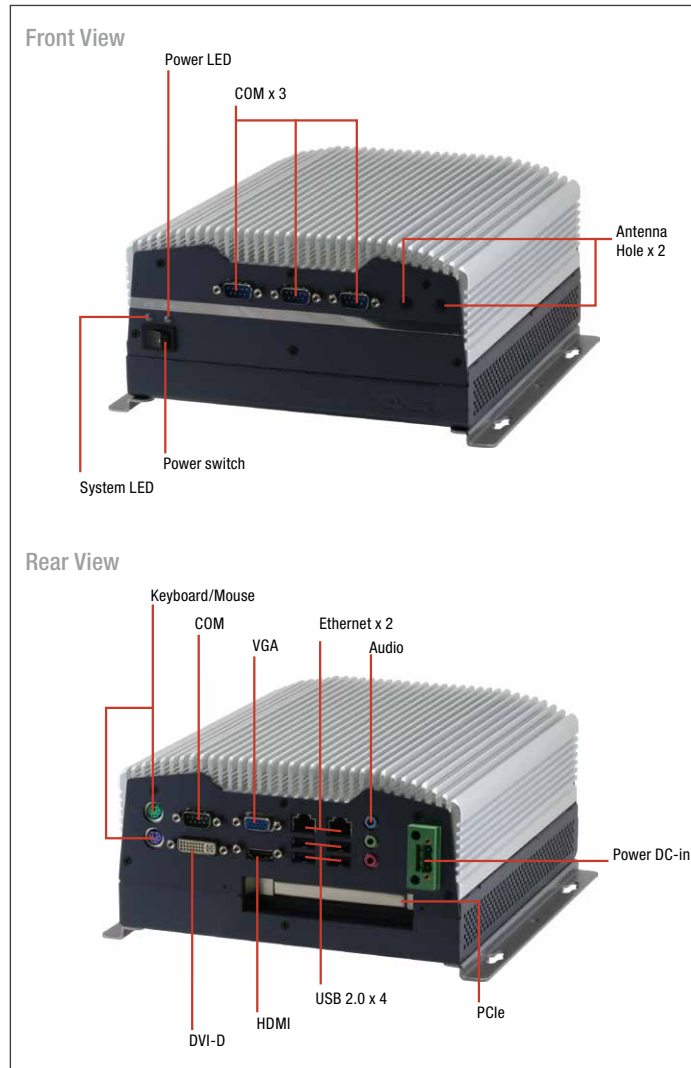


Fanless Embedded Box PC with Intel® Core™ i7/ i5 /i3 /Celeron® Processor and PCIe Expansion



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)



Rear I/O	USB Host	USB 2.0 x 4
	LAN	RJ-45 x 2
	Serial Port	RS-232/422/485 x 1
	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]	1 (optional), AxM: PCIe-E[x4], supports max. 217 mm (length) for expansion card
	PCI	2 (optional), BxM: PCI x 2, supports max. 217 mm (length) for expansion card
	Mini-Card	1
	Mini PCI	—
	Others	—
Indicator	Front	Power LED x 1, HDD active LED x 1
	Rear	—
Power Requirement	DC-in 12V, with DC lockable jack, DC 9 ~ 30V with 3-pin terminal block	
Power Consumption	Intel® Core™ i7-2710QE 3.02A@19V(57.38W) without USB loading	
System Cooling	Passive cooling	
Mounting	Wallmount	
Operating Temperature	No airflow	32°F ~ 122°F (0°C ~ 50°C) wide temperature CFD with WT RAM x 2
	Ambient with airflow	5°F ~ 131°F (-15°C ~ 55°C) wide temperature CFD with WT RAM x 2
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)	
Anti-Vibration	5 Grms/ 5 ~ 500Hz/ operation – CFD	1 Grms/ 5~ 500Hz/ operation – HDD
	50 G peak acceleration (11 msec. duration) – CFD	
Anti-Shock	20 G peak acceleration (11 msec. duration) – HDD	
	MTBF (Hours)	
Certification	EMC	CE/FCC class A
	Safety	—
Dimension (W x H x D)	8.19"(W) x 4.02"(H) x 9.37"(D) (208mmx 102mm x 238mm)	
Gross Weight	13.2 lb (6 kg)	
Note	Windows® XP Embedded, Windows® 7 32/64-bit, WES 2009, WES 7 32/64-bit, Linux Fedora 14/ Kernel 2.6.35.3	

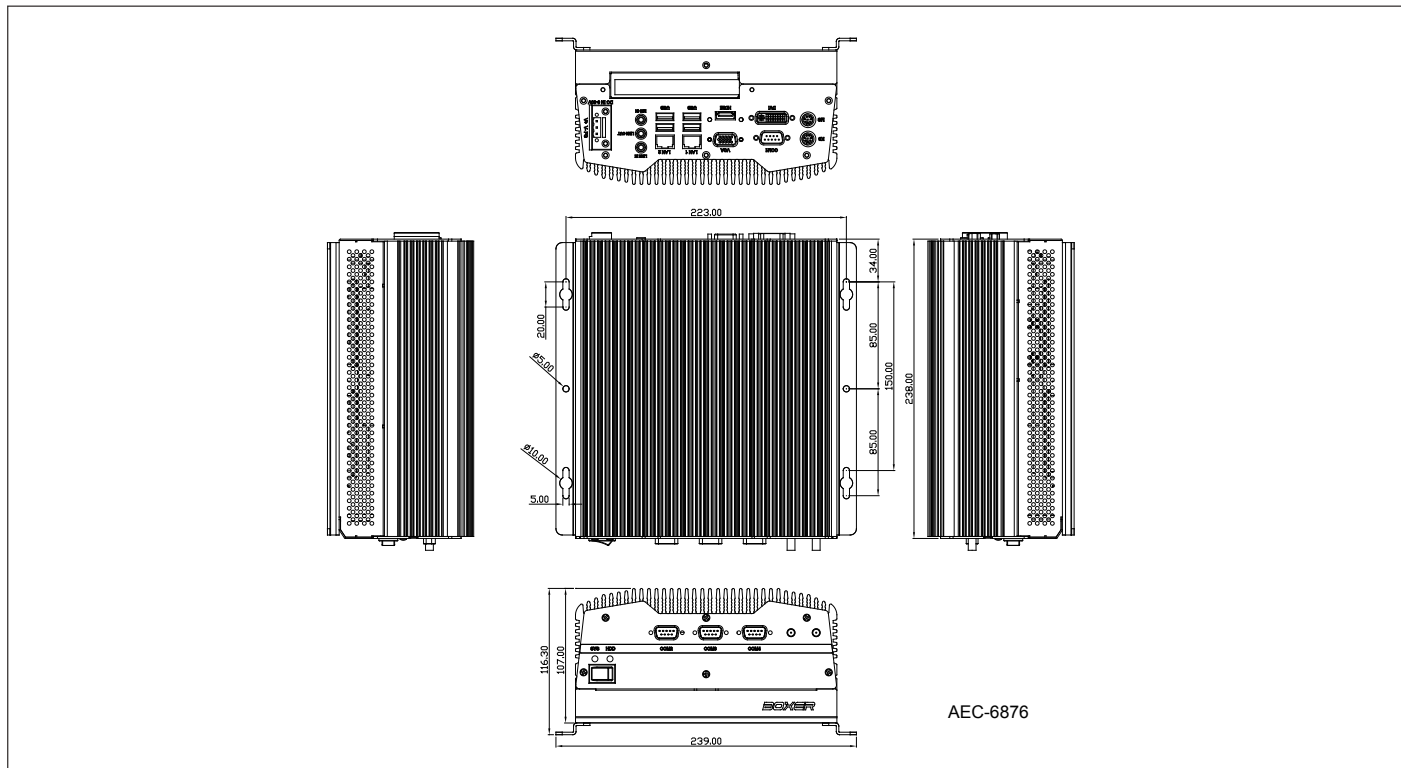
Specifications

CPU	Intel® Core™-i7-2710QE/ i5-2510E 2.5 GHz/ i3-2330E/ Celeron®-B810 1.6 GHz	
Chipset	Intel® QM67	
System Memory	DDR3 1066/1333 MHz SODIMM x 2, up to 16 GB	
Display Interface	VGA	DB-15 x 1
	DVI	DVI-D x 1
	HDMI	HDMI x 1, support 1920 x 1080 @ 60 Hz
	Others	—
Storage Device	SSD	CFAST™ slot
	HDD	SATA 6.0 Gb/s x 1 (SATA 0, 2)
Network	LAN	Gigabit ethernet, RJ-45 x 2
	Wireless	Optional by Mini-Card
Front I/O	USB Host	—
	LAN	—
	Serial Port	RS-232 x 3
	DIO	—
	Audio	—
	KB/MS	—
	Others	Power button x 1

AEC-6876

Dimension

Unit: mm



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)