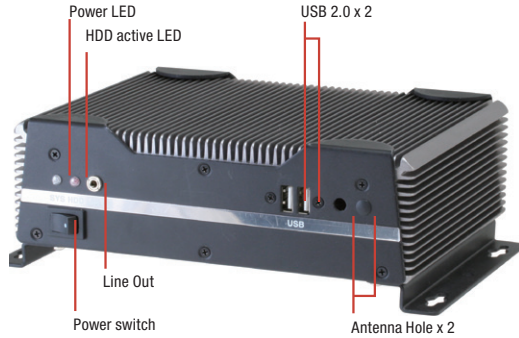
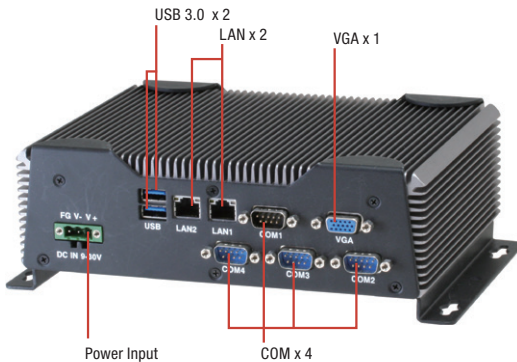


Fanless Embedded Box PC with Intel® QM77 Chipset

Front View



Rear View



Features

- 3rd Generation Intel® Core™ i7-3610QE, Core™ i5-3610ME Processor
- Intel® QM77 Chipset
- Intel® HD Graphics 4000
- COM x 4
- USB 3.0 x 2, USB 2.0 x 2
- VGA x 1
- Gigabit Ethernet x 2
- 2.5" SATA 6.0 Gb/s Hard Disk Drive Bay
- Fanless Operation
- AAEON's Hi-Safe & Hi-Manager Support

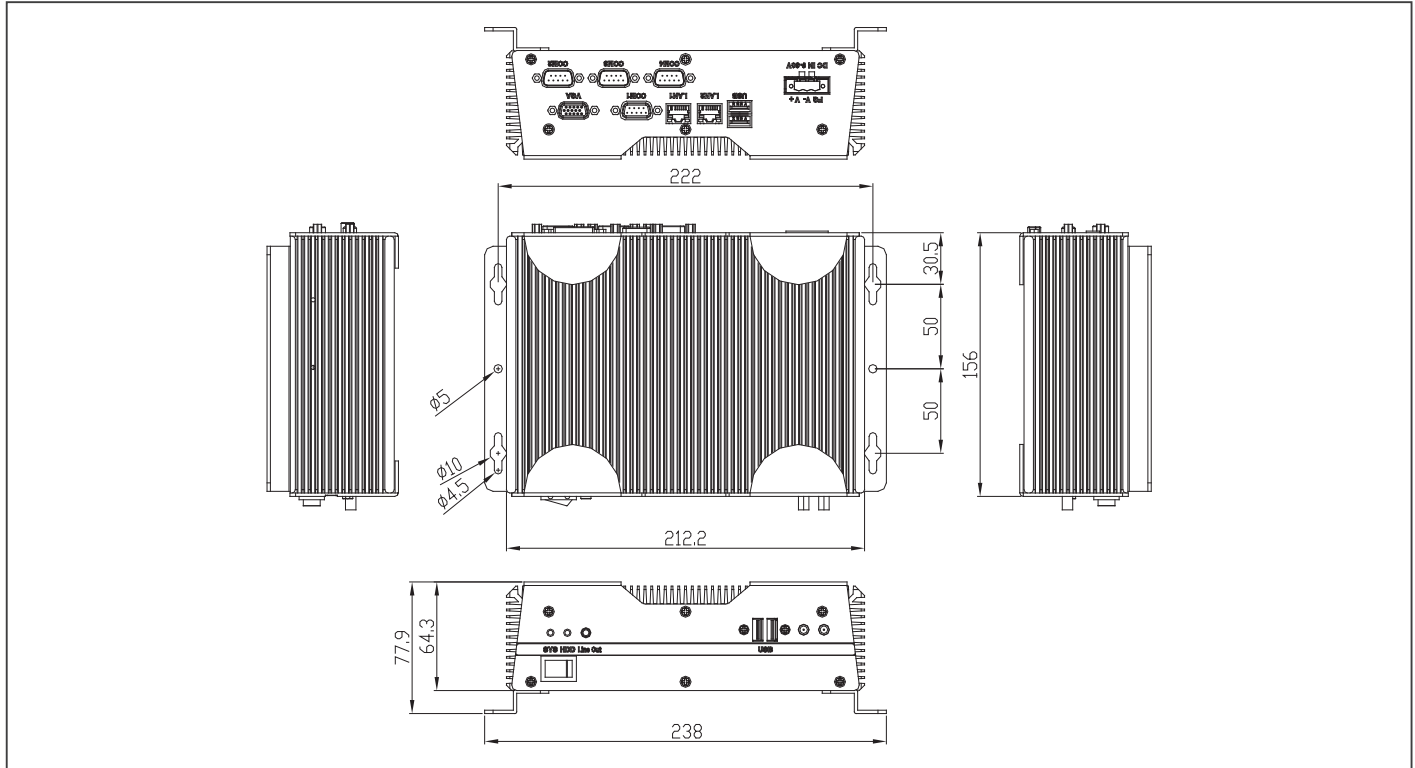


Specifications

System	
CPU	3rd Generation Intel® Core™ i7-3610QE, 2.3 GHz 3rd Generation Intel® Core™ i5-3610ME, 2.7 GHz
Chipset	Intel® QM77
System Memory	DDR3 1066/1333 SODIMM slot x 1, up to 8 GB
Display Interface	VGA, DVI-D (C1 / C2)
Storage Device	CFAST™, HDD/SSD
Ethernet	Intel® 82579LM, 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 2 USB 3.0 x 2 VGA x 1 DVI-D x 1 (C1 / C2) Line-out x 1 LAN x 2 Antenna holes x 2 Power switch Power input
Expansion	Full-size Mini-Card x 1 (PCI-E + USB, w/ SIM slot)
Indicator	Power LED HDD active LED
OS support	Windows® 10, Windows® 8.1 (32/64-bit), Windows® 7 (32/64-bit), WES7/WES8, Linux Ubuntu 14.04/ Kernel 3.13.0
Power Supply	
Power Requirement	9 - 30V with 3-pin terminal block
Mechanical	
Mounting	Wallmount
Dimensions (W x H x D)	8.35" x 2.53" x 6.14" (212.2mm x 64.3mm x 156mm)
Gross Weight	7.94 lb (3.6 kg)
Net Weight	6.0 lb (2.7 kg)
Environmental	
Operating Temperature	5°F ~ 122°F (-15°C ~ 50°C) with wide temperature CFAST™ card 5°F ~ 131°F (-15°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 – CFAST™ card 1 Grms/ 5 ~ 500Hz/ operation – HDD
Certification	CE/FCC class A

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-6637-A1M-1010	Intel® Core™ i5-3610ME 2.7 GHz	—	2	4	3	1	CFast™ x 1 HDD x 1	—	VGA x 1	Mini-Card x 1	Wallmount	DC 9-30V	5°F ~ 122°F (-15°C ~ 50°C) W/T CFast™ (with AirFlow) 5°F ~ 131°F (-15°C ~ 55°C) W/T HDD (with AirFlow) with industrial grade device (according to IEC68-2-14)
TF-AEC-6637-A2M-1010	Intel® Core™ i7-3610QE 2.3 GHz	—	2	4	3	1	CFast™ x 1 HDD x 1	—	VGA x 1	Mini-Card x 1	Wallmount	DC 9-30V	5°F ~ 122°F (-15°C ~ 50°C) W/T CFast™ (with AirFlow) 5°F ~ 131°F (-15°C ~ 55°C) W/T HDD (with AirFlow) with industrial grade device (according to IEC68-2-14)
AEC-6637-C1-1010	Intel® Core™ i7-3610QE 2.3 GHz	—	2	4	3	1	CFast™ x 1 HDD x 1	—	VGA x 1, DVI-D x 1	Mini-Card x 1	Wallmount	DC 9-30V	5°F ~ 122°F (-15°C ~ 50°C) W/T CFast™ (with AirFlow) 5°F ~ 131°F (-15°C ~ 55°C) W/T HDD (with AirFlow) with industrial grade device (according to IEC68-2-14)
AEC-6637-C2-1010	Intel® Core™ i5-3610ME 2.7 GHz	—	2	4	3	1	CFast™ x 1 HDD x 1	—	VGA x 1, DVI-D x 1	Mini-Card x 1	Wallmount	DC 9-30V	5°F ~ 122°F (-15°C ~ 50°C) W/T CFast™ (with AirFlow) 5°F ~ 131°F (-15°C ~ 55°C) W/T HDD (with AirFlow) with industrial grade device (according to IEC68-2-14)

Packing List

- Wallmount Bracket x 2
- Screw Package x 1
- RAM Thermal Pad x 4 (1998F15003 x 1, 1998666630 x 2, 1998666652 x 1)
- Product DVD
- AEC-6637

Optional Accessories

- **1255901202**
Power Adapter (120W), Output: DC 19V
- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)
- **9741663703**
Dual 2.5" SATA HDD Kit (Removable)
- **9741663704**
Dual 2.5" SATA HDD Kit
- **974166250A**
3.5 SATA HDD Kit
- **9741663701**
2.5 SATA HDD/DVD Kit w/o DVD-ROM
- **9741663700**
Slim DVD-ROM + 2.5" SATA HDD Kit
- **9741663702**
I/O Dust Cover Kit
- **9741662508**
Fan Kit for AIM/A2M
- **9741663705**
Fan Kit for C1/C2