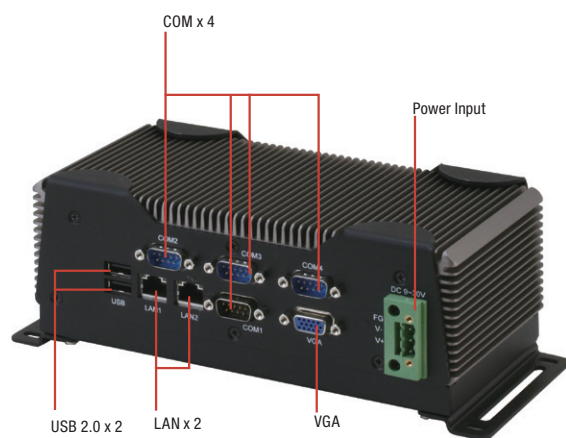


Fanless Embedded Box PC with Intel® NM10 Chipset

Front View



Rear View



**Features**

- Intel® Atom™ D2550 Processor
- Intel® NM10 Express Chipset
- Intel® GMA 3650 Integrated Graphic Engine
- COM x 4
- USB 2.0 x 4
- Gigabit Ethernet x 2
- VGA Output
- Fanless System Design
- DVI-D Output (A3/A4/A3M/A4M)
- AAEON's Hi-Safe Support

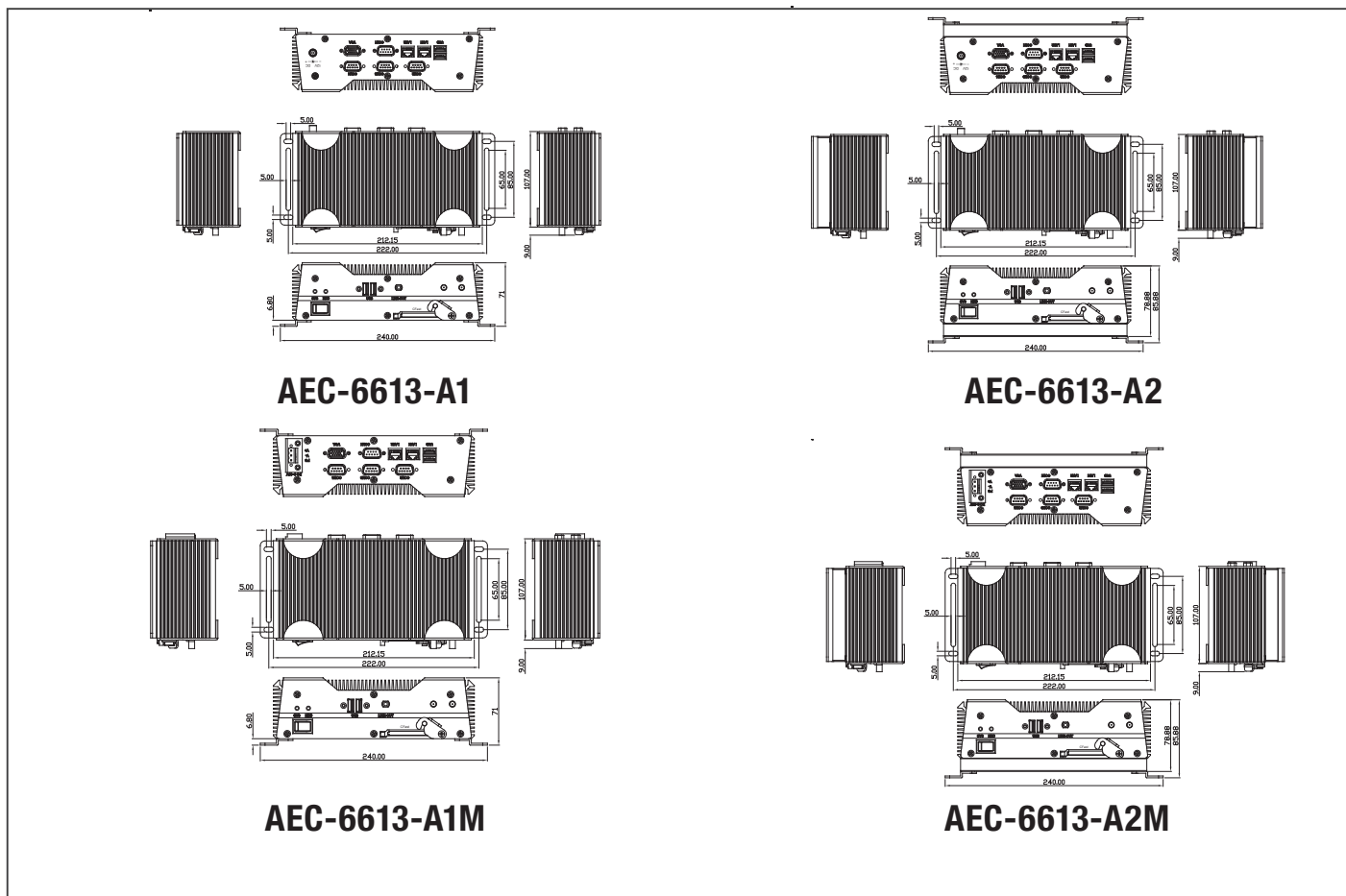


**Specifications**

System	
CPU	Intel® Atom™ D2550, 1.86 GHz
Chipset	Intel® NM10
System Memory	DDR3 800/1066 SODIMM slot x 1, up to 4 GB
Display Interface	VGA, DVI-D (A3/A4/A3M/A4M)
Storage Device	CFast™, HDD/SSD
Ethernet	Realtek RTL 8111E, 10/100/1000Base-TX x 2
I/O	RS-232/422/485 x 1 RS-232 x 3 USB 2.0 x 4 VGA x 1 DVI-D x1 (A3 / A4 / A3M / A4M) Line-out x 1 LAN x 2 CFast slot 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® 7(32-bit), WES2009, WES7 32-bit, Linux Fedora 15/ Kernel 2.6.38.6
Power Supply	
Power Requirement	9 - 30V with 3-pin terminal block 12V with lockable DC jack
Mechanical	
Mounting	Wallmount DIN Rail (Mounting kit is optional)
Dimensions (W x H x D)	8.35" x 3.1" x 2.25" (212.15mm x 78.88mm x 107mm )
Gross Weight	8.38 lb (3.8 kg)
Net Weight	4.57 lb (2.07 kg)
Environmental	
Operating Temperature	-4°F ~ 131°F (-20°C ~ 55°C) with wide temperature CFast™ card -4°F ~ 140°F (-20°C ~ 60°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	AUDIO	Storage	Accessory Cables	Display	Expansion	Mounting	Power	Temp.
TF-AEC-6613-A1-1210	Intel® Atom™ D2550 (B3) 1.86 GHz	-	2	4	3	1	Line-out x 1	CFast™ kit x 1	-	VGA x 1	Mini-Card x 1	Wallmount Din Rail Mount Kit (Optional)	DC 12V	5°F ~ 131°F (-15°C ~ 55°C) with CFast™ (w/o air)
TF-AEC-6613-A2-1210	Intel® Atom™ D2550 (B3) 1.86 GHz	-	2	4	3	1	Line-out x 1	CFast™ kit x 1 HDD kit x 1	-	VGA x 1	Mini-Card x 1	Wallmount Din Rail Mount Kit (Optional)	DC 12V	5°F ~ 131°F (-15°C ~ 55°C) with CFast™ (w/o air) 5°F ~ 122°F (-15°C ~ 50°C) with HDD (w/o air)
TF-AEC-6613-A2M-1210	Intel® Atom™ D2550 (B3) 1.86 GHz	-	2	4	3	1	Line-out x 1	CFast™ kit x 1 HDD kit x 1	-	VGA x 1	Mini-Card x 1	Wallmount Din Rail Mount Kit (Optional)	DC 9-30V	5°F ~ 131°F (-15°C ~ 55°C) with CFast™ (w/o air) 5°F ~ 122°F (-15°C ~ 50°C) with HDD (w/o air)
TF-AEC-6613-A3-1210	Intel® Atom™ D2550 (B3) 1.86 GHz	-	2	4	3	1	Line-out x 1	CFast™ kit x 1	-	VGA x 1 DVI-D x 1	Mini-Card x 1	Wallmount Din Rail Mount Kit (Optional)	DC 12V	5°F ~ 131°F (-15°C ~ 55°C) with CFast™ (w/o air)
TF-AEC-6613-A4-1210	Intel® Atom™ D2550 (B3) 1.86 GHz	-	2	4	3	1	Line-out x 1	CFast™ kit x 1 HDD kit x 1	-	VGA x 1 DVI-D x 1	Mini-Card x 1	Wallmount Din Rail Mount Kit (Optional)	DC 12V	5°F ~ 131°F (-15°C ~ 55°C) with CFast™ (w/o air) 5°F ~ 122°F (-15°C ~ 50°C) with HDD (w/o air)
TF-AEC-6613-A4M-1210	Intel® Atom™ D2550 (B3) 1.86 GHz	-	2	4	3	1	Line-out x 1	CFast™ kit x 1 HDD kit x 1	-	VGA x 1 DVI-D x 1	Mini-Card x 1	Wallmount Din Rail Mount Kit (Optional)	DC 9-30V	5°F ~ 131°F (-15°C ~ 55°C) with CFast™ (w/o air) 5°F ~ 122°F (-15°C ~ 50°C) with HDD (w/o air)

## Packing List

- Wallmount Bracket x 2
- Screw Package x 1
- RAM Thermal Pad x 1 (60mm x 25mm x 3mm)
- Phoenix Power Connector x 1
- Product DVD
- AEC-6613

## Optional Accessories

- **125530060A** - DC Jack for AEC-6613-A1/A2/A3/A4  
Power Adapter, 100/240V, 12V, w/ lockable Connector, 5A, 60W, DC
- **1255900841** - 3 pin for AEC-6613-A1M/A2M/A3M/A4M  
Power Adapter, 84W, 12V
- **1702031802**  
Power Cord (US Type)
- **1702031803**  
Power Cord (European Type)
- **170203180E**  
Power Cord (Japanese Type)
- **9741681003**  
Din Rail Mount Kit
- **9741661300**  
I/O Dust Cover Kit
- **9741661301**  
2.5" HDD w/ 2nd RS-485 Assembly Kit for AEC-6613