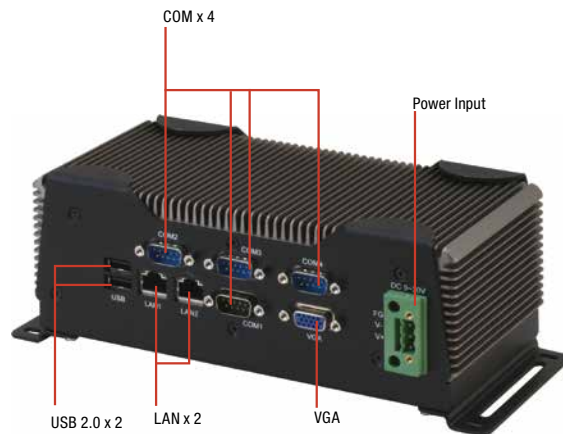


Fanless Embedded Box PC with Intel® NM10 Chipset

Front View



Rear View



Specifications

CPU	Intel® Atom™ D2550 1.86 GHz	
Chipset	Intel® NM10	
System Memory	DDR3 800/1066 SODIMM x 1, up to 4 GB	
Display Interface	VGA	DB-15 x 1
	DVI	DVI-D x 1 (For A3/A4/A3M/A4M)
	Others	—
	SSD	CFast™ Slot x 1 (w/Cover protection)
Storage Device	HDD	2.5" SATA HDD bay x 1 (AEC-6613-A2/AEC6613-A2M)
	LAN	Gigabit Ethernet
Network	Wireless	Optional by Mini-Card
	Front I/O	USB Port
LAN		—
Serial Port		—
DIO		—
Audio		Line-out x 1
KB/MS		—
Others		Power ON/OFF Switch x 1, Power LED x 1, HDD LED x 1 CFast™ slot x 1, antenna hole x 2

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

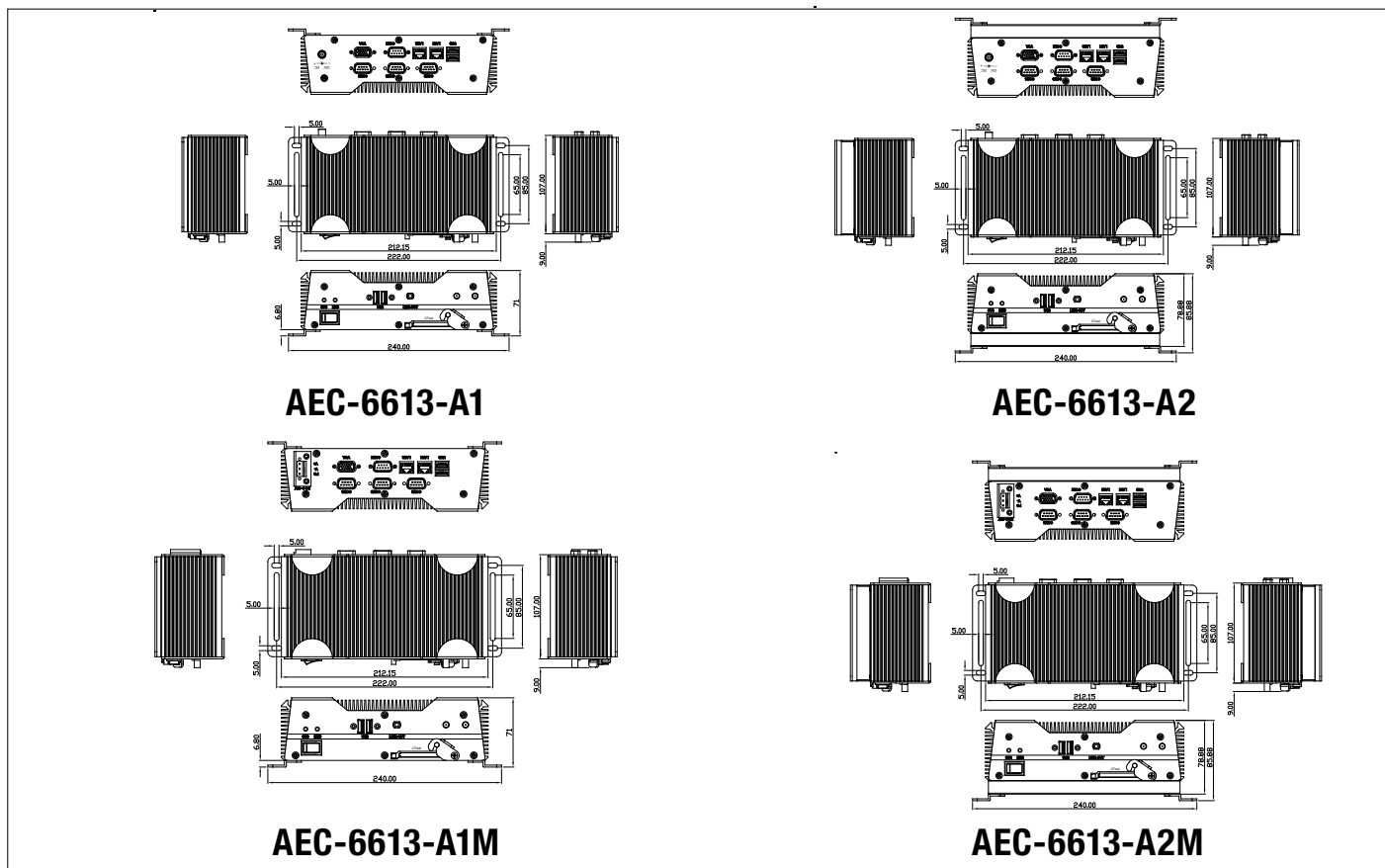


Rear I/O	USB Port	USB 2.0 x 2	
	LAN	RJ-45 x 2	
	Serial Port	RS-232 x 3 (optional extra 2), RS-232/422/485 x 1	
	DIO	—	
	Audio	—	
	KB/MS	—	
Expansion	Others	Power input x 1	
	PCIe [x1]	—	
	PCI	—	
	Mini-Card	1	
	Mini PCI	—	
Indicator	Others	—	
	Front	Power LED x 1, HDD active LED x 1	
	Rear	—	
Power Requirement	DC-in 12V, with DC jack lockable, DC 9 ~ 30V with 3-pin terminal block		
Power Consumption	Intel® Atom™ D2550 1.86 GHz 1.21A@12V (14.52W) without USB loading		
System Cooling	Passive		
Mounting	Wallmount		
Operating Temperature	Ambient with airflow:		No airflow:
	5°F ~ 131°F (-15°C ~ 55°C) - (HDD) 5°F ~ 140°F (-15°C ~ 60°C) - (CFast™)		5°F ~ 122°F (-15°C ~ 50°C) - (HDD) 5°F ~ 131°F (-15°C ~ 55°C) - (CFast™)
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)		
Anti-Vibration	5 Grms/ 5 ~ 500Hz/ operation – CFast™		
	1 Grms/ 5 ~ 500Hz/ operation – HDD		
Anti-Shock	50 G peak acceleration (11 msec. duration) – CFast™ 20 G peak acceleration (11 msec. duration) – HDD		
MTBF (Hours)	56,000		
Certification	EMC	CE /FCC Class A	
	Safety	—	
Dimension (W x H x D)	8.35" (W) x 3.1" (H) x 2.25" (D) (212.15mm x 78.88mm x 107mm)		
Gross Weight	8.38 lb (3.8 kg)		
Net Weight	4.75 lb (2.76 kg)		
Note	Windows® XP, Windows® 7 32-bit, WES2009, WES7 32-bit, Linux Fedora15/ Kernel 2.6.38.6		

AEC-6613

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	-15°C ~ 55°C with CFast™ (w/o air) -15°C ~ 50°C with HDD (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	-15°C ~ 55°C with CFast™ (w/o air) -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	-15°C ~ 55°C with CFast™ (w/o air) -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	-15°C ~ 55°C with CFast™ (w/o air) -15°C ~ 50°C with HDD (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	-15°C ~ 55°C with CFast™ (w/o air) -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	-15°C ~ 55°C with CFast™ (w/o air) -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 CD
- 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