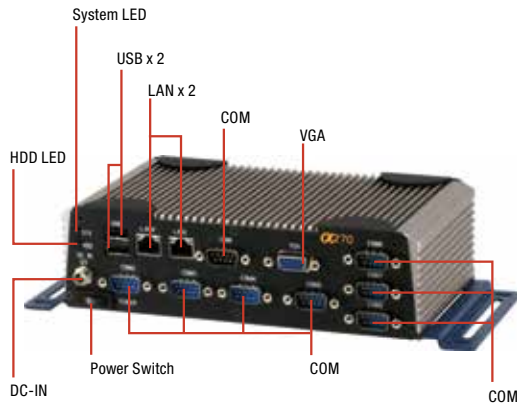


AEC-6611

Fanless Embedded Controller with Intel® Atom™ N270 Processor

Front View



Rear View



Features

- Intel® Atom™ N270 Processor
- Up To COM x 8
- Fanless Operation
- 9-30V DC Input (Optional)
- Gigabit Ethernet x 2
- SATA Hard Disk Drive Bay Inside
- Optional Dual VGA
- Optional DVI-D



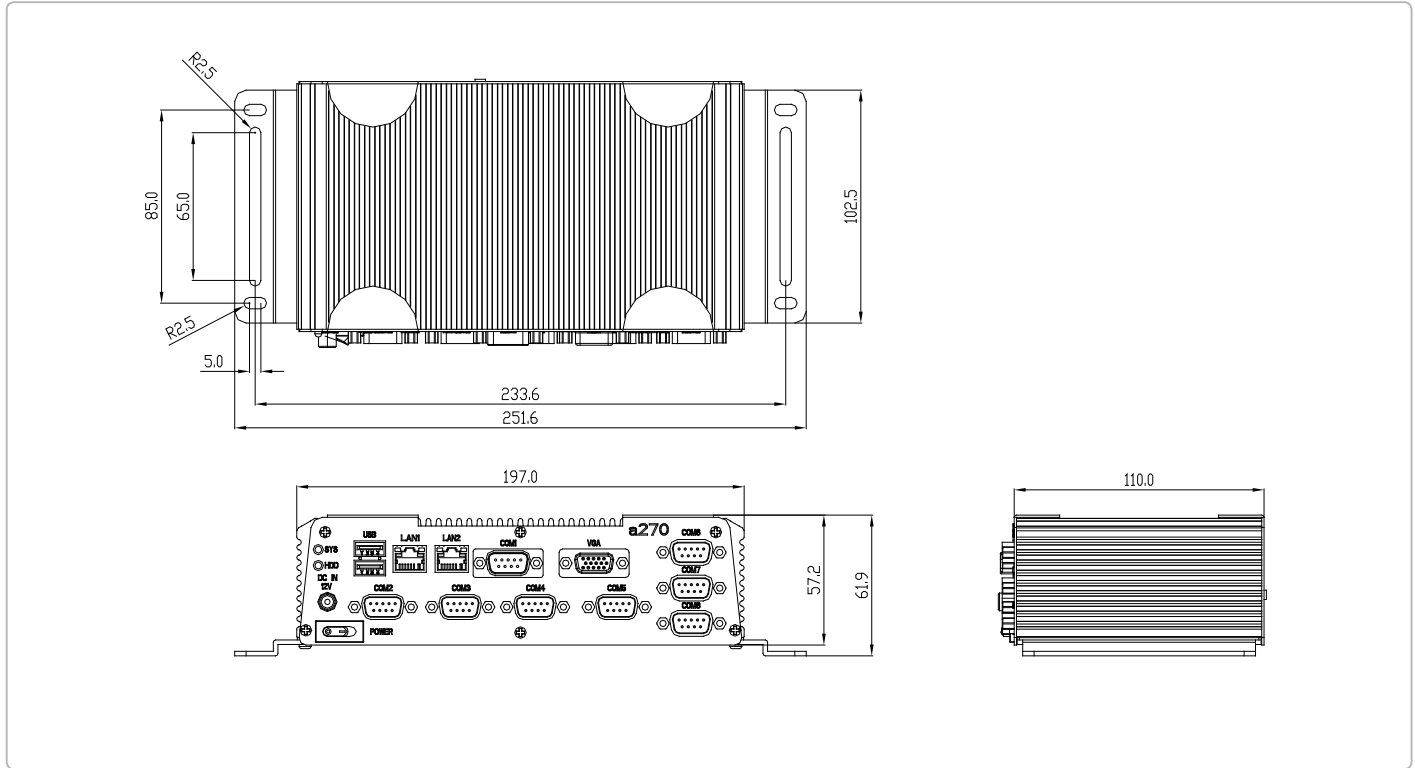
Specifications

CPU	Intel® Atom™ N270, 1.6 GHz	
Chipset	Intel® 945GSE + ICH7M	
System Memory	DDR2 SDRAM SODIMM x 1, up to 2 GB	
Display Interface	VGA	DB-15 x 1, shared system memory up to 224MB/ DVMT 3.0
	DVI	—
	Others	2nd VGA x 1 (optional Extension Kit)
Storage Device	SSD	CompactFlash™ Slot
	HDD	2.5" SATA 1.5Gb/s Slim Hard Disk Drive Bay
Network	LAN	Gigabit Ethernet, RJ-45 x 2
	Wireless	—
Front I/O	USB Port	USB2.0 x 2 (AEC-6611-A3-1010), USB2.0 x 4 (AEC-6611-A2/A2M/A1-1010)
	LAN	RJ-45 x 2
	Serial Port	RS-232 x 1/3/7 (optional), RS-232/422/485 x 1
	DIO	—
	Audio	—
	KB/MS	—
	Others	Power Switch x 1, Reset Button x 1, Power inlet x 1
Rear I/O	USB Port	—
	LAN	—
	Serial Port	—
	DIO	—
	Audio	—
	KB/MS	—
Others	CompactFlash™ slot x 1	
Expansion	PCIe [x1]	—
	PCI	—
	Mini Card	1 (optional)
	Mini PCI	1 (optional)
Indicator	Front	Power LED x 1, Hard Disk Drive LED x 1
	Rear	—
Power Requirement	DC-in 9~30V / DC-in 12V input (optional)	
Power Consumption	Intel® Atom™ N270, 1.6GHz, 1.12A @ 12V	
System Cooling	Passive Cooling	
Mounting	Wallmount	
Operating Temperature	Ambient with Airflow:	No Airflow:
	-4°F ~ 131°F (-20°C ~ 55°C) - CFD -4°F ~ 140°F (-20°C ~ 60°C) - HDD	-4°F ~ 122°F (-20°C ~ 50°C) - CFD -4°F ~ 131°F (-20°C ~ 55°C) - HDD
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)	
Anti-Vibration	5 g rms/ 5 ~ 500Hz/ operation – CFD, 1 g rms/ 5 ~ 500Hz/ operation – HDD	
Anti-Shock	50 G peak acceleration (11 msec. duration) – CFD 20 G peak acceleration (11 msec. duration) – HDD	
MTBF	55,000	
Certification	EMC	CE /FCC Class A
	Safety	—
Dimension (W x H x D)	7.8"(W) x 2.3"(H) x 4.4"(D) (197mm x 57.2mm x 112mm)	
Gross Weight	4.31 lb (1.96 Kg)	
Note	Windows® XP Embedded, Windows® CE, Windows® 7, Linux Fedora	

AEC-6611

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-6611-A1-1010	Intel® Atom™ N270 1.6GHz processor	—	2	4	1	1	—	CFD kit x 1 HDD kit x 1	—	VGA x 1	—	Wallmount Din Rail Mount Kit (Optional) VESA Mount Kit (Optional)	DC 12V	-20°C ~ 50°C with CFD (w/o air) -20°C ~ 55°C with HDD (w/o air)
TF-AEC-6611-A2-1010	Intel® Atom™ N270 1.6GHz processor	—	2	4	3	1	—	CFD kit x 1 HDD kit x 1	—	VGA x 1	Mini Card x 1 Mini-PCI x 1	Wallmount Din Rail Mount Kit (Optional) VESA Mount Kit (Optional)	DC 12V	-20°C ~ 50°C with CFD (w/o air) -20°C ~ 55°C with HDD (w/o air)
TF-AEC-6611-A3-1010	Intel® Atom™ N270 1.6GHz processor	—	2	2	7	1	—	CFD kit x 1 HDD kit x 1	—	VGA x 1	Mini Card x 1	Wallmount Din Rail Mount Kit (Optional) VESA Mount Kit (Optional)	DC 12V	-20°C ~ 50°C with CFD (w/o air) -20°C ~ 55°C with HDD (w/o air)
TF-AEC-6611-A2M-1010	Intel® Atom™ N270 1.6GHz processor	—	2	4	3	1	—	CFD kit x 1 HDD kit x 1	—	VGA x 1	Mini Card x 1 Mini-PCI x 1	Wallmount Din Rail Mount Kit (Optional) VESA Mount Kit (Optional)	DC 9-30V	-20°C ~ 50°C with CFD (w/o air) -20°C ~ 55°C with HDD (w/o air)

Packing List

- Wallmount Bracket x 2
- Screw Package x 1
- Phoenix Power Connector x 1
- Product CD
- AEC-6611

Optional Accessories

- **1757306007**
Power Adapter (60W), Output: DC 12V - for AEC-6612-B1/B2
- **1757904002**
Power Adapter (40W), Output: DC 12V - for AEC-6612-B1M/B2M
- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)
- **9741662505**
VESA Mount Kit
- **9741681003**
DIN Rail Mount Kit
- **9741C50W01**
Mini Card (PCIe) 802.11 b/g/n + Bluetooth 3.0
- **9741661100**
I/O Dust Cover Kit