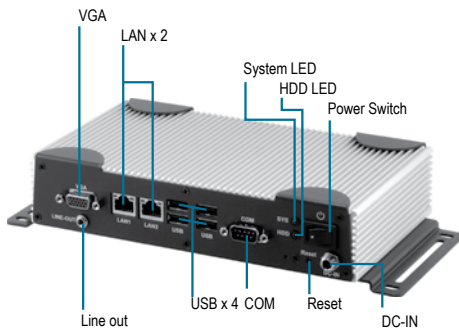


# AEC-6620

Fanless Tiny Embedded Controller With Intel® Atom™ Processor



## Features

- Intel® Atom™ N270 Processor
- Fanless Operation
- Gigabit Ethernet x 2
- COM x 1, USB x 4
- ATX/ACPI Power Function
- Ultra Slim



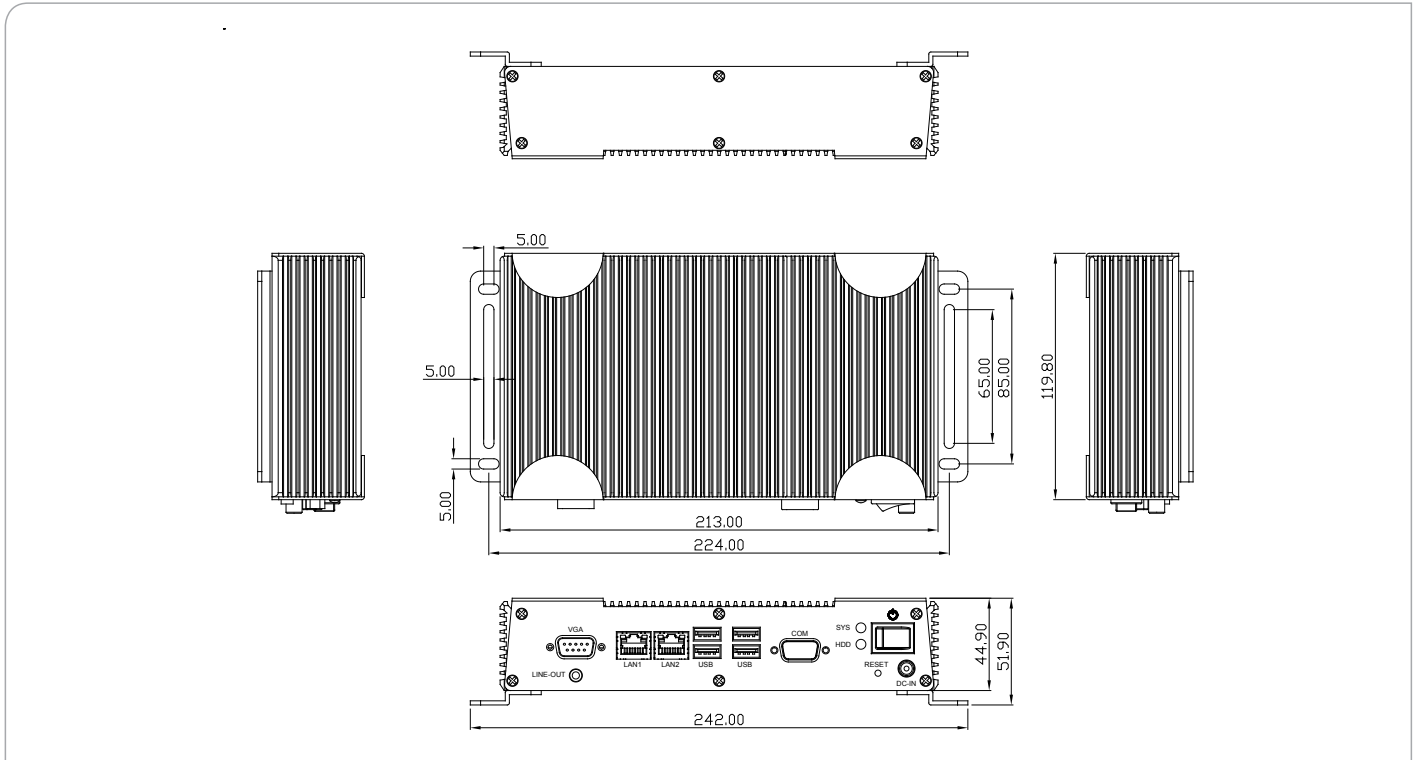
## Specifications

CPU	Intel® Atom™ N270, 1.6 GHz	
Chipset	Intel® 945GSE + ICH7M	
System Memory	DDR2 SDRAM SODIMM x 1, Max. 2 GB	
Display Interface	VGA	DB-15 x 1, shared system memory up to 224MB/ DVM T 3.0
	DVI	—
	Others	—
Storage Device	SSD	CompactFlash™ Slot (internal)
	HDD	—
Network	LAN	Gigabit Ethernet, RJ-45 x 2
	Wireless	—
Front I/O	USB Host	USB2.0 x 4
	LAN	RJ-45 x 2
	Serial Port	RS-232 x 1
	DIO	—
	Audio	Line-out x 1
	KB/MS	—
	Others	Power Switch x 1, Reset Button x 1, VGA x 1, Power inlet x 1
Rear I/O	USB Host	—
	LAN	—
	Serial Port	—
	DIO	—
	Audio	—
Expansion	KB/MS	—
	Others	—
	PCIe [x1]	—
	PCI	—
	Mini Card	—
Indicator	Mini PCI	—
	Others	—
	Front	Power LED x 1, Hard Disk Drive LED x 1
Rear	—	
Power Requirement	DC 8.5V ~19V	
Power Consumption	Intel® Atom™ N270 1.6 GHz, 1.47A@DC9V	
System Cooling	Passive Cooling	
Mounting	Wallmount	
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C) (CompactFlash™)	
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)	
Anti-Vibration	5 g rms/ 5 ~ 500Hz / operation (CompactFlash™)	
Anti-Shock	50 G peak acceleration (11 msec. duration) (CompactFlash™)	
MTBF	60,000	
Certification	EMC	CE /FCC Class A
	Safety	—
Dimension (W x H x D)	8"(W) x 1.8"(H) x 4.7"(D) (213mm x 45mm x 120mm)	
Gross Weight	6.16 lb (2.8 Kg)	
Note	Windows® XP Embedded, Windows® XP, Windows® 7, Linux 2.4 Support	

# AEC-6620

## Dimension

Unit: mm



## Ordering Information

- **TF-AEC-6620-A1-1010**  
Embedded Controller, Intel® Atom™ N270 1.6GHz, Fanless, DC 12V/ ATX, 2 GbE LAN, 4 USB, 1 COM, Audio, VGA

## Optional Accessories

- **1757306004**  
Power Adapter, 100/240V, DC 12V, 5A, 60W, With Lock
- **1702031802**  
Power Cord (US Type)
- **1702031803**  
Power Cord (European Type)
- **170203180E**  
Power Cord (Japanese Type)