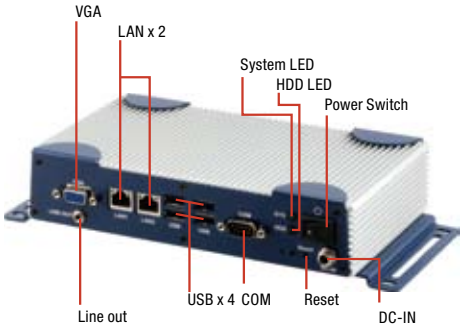
AEC-6620

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

DDR2 | 1000 Giga LAN | USB 2.0 | CE FC

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/ DVMT 3.0
	DVI	—
	Others	—
Storage Device	SSD	CompactFlash™ Slot (internal)
	HDD	—
Network	LAN	Gigabit Ethernet, RJ-45 x 2
	Wireless	—
Front I/O	USB Port	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 Port	—
	LAN	—
	Serial Port	—
	DIO	—
	Audio	—
	KB/MS	—
	Others	—
Expansion	PCIe [x1]	—
	PCI	—
	Mini Card	—
	Mini PCI	—
	Others	—
Indicator	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		Ambient with Airflow 32°F ~ 131°F (0°C ~ 55°C) No Airflow 32°F ~ 122°F (0°C ~ 50°C)
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)

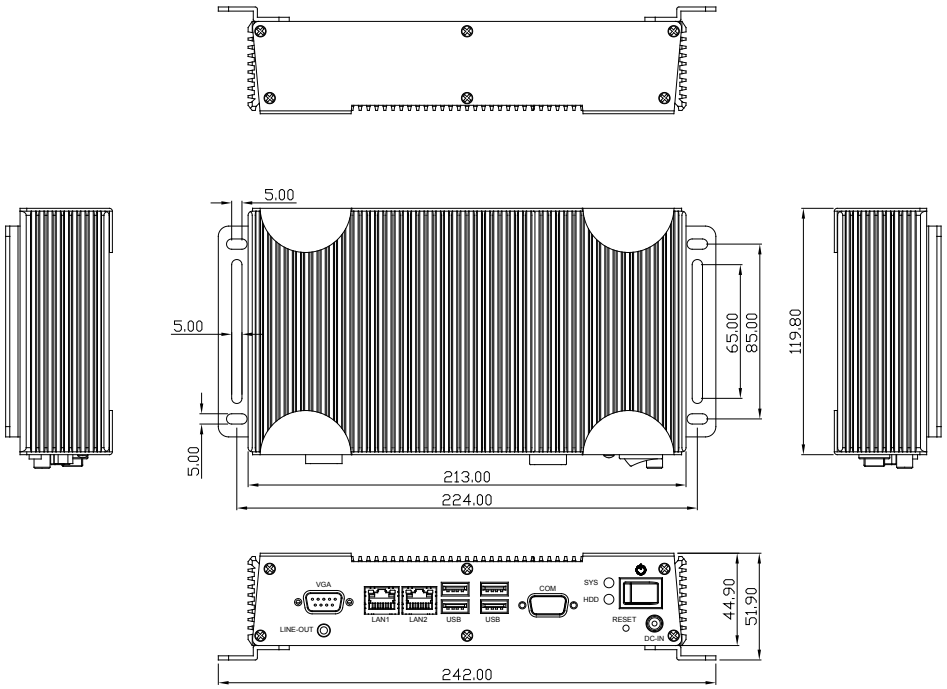
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Note: All specifications are subject to change without notice.

AEC-6620

Dimension

Unit: mm



Gross Weight	6.16 lb (2.8 Kg)
Note	Windows® Embedded Standard, Windows® XP Pro, Windows® 7, Windows® CE .net

Ordering Information

- **TF-AEC-6620-A1-1010**
  Embedded Controller, Intel® Atom™ N270 1.6GHz, Fanless, DC 12V/ ATX, 2 GbE LABN, 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)