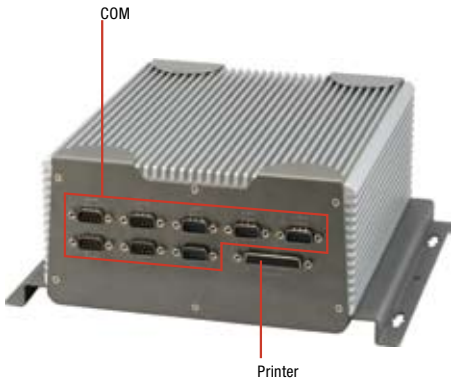
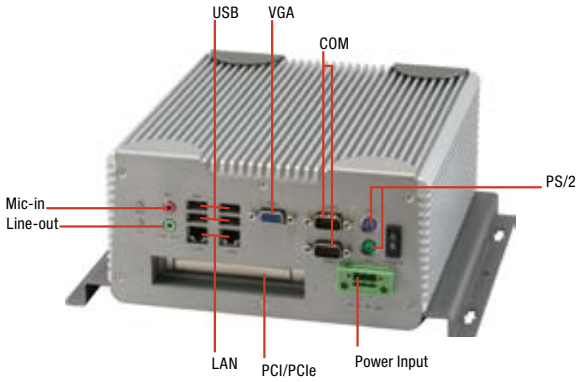
AEC-6872

Fanless Embedded Controller With Intel® Atom™ D510 Processor





Features

- **Fanless Design**
- **Intel® Atom™ D510 Processor**
- **PCI-Express [x1] Slot x 1 Or PCI Slot x 1**
- **Wide DC Power Input**
- **Gigabit Ethernet x 2, RJ-45 x 2**
- **COM x 10**
- **ATX Power Function**

Giga LAN USB 2.0

Specifications

CPU		Intel® Atom™ D510 1.6GHz
Chipset		Intel® ICH8M
System Memory		200-pin DDR2 SODIMM x 2, Max. 4GB
Display Interface	VGA	DB-15 x 1,shared system memory up to 384MB/ DVMT 4.0
	DVI	—
	Others	—
Storage Device	SSD	Type 2 CompactFlash™ Slot x 1 (Inside)
	HDD	SATA 1.5Gb/s HDD bay x 1
Network	LAN	Gigabit Ethernet
	Wireless	—
Front I/O	USB Host	—
	LAN	—
	Serial Port	RS-232 x 8
	DIO	—
	Audio	—
	KB/MS	—
	Others	LPT x 1
Rear I/O	USB Host	USB2.0 x 4
	LAN	RJ-45 x 2
	Serial Port	RS-232 x 1, RS-232/422/485 x 1
	DIO	—
	Audio	Line-out x 1, Mic-in x 1
	KB/MS	PS/2 x 2
	Others	DB-15 x 1, Power button x 1, Power inlet x 1, SYS LED x 1, HDD LED x 1
Expansion	PCIe [x1]	1 (TF-AEC-6872-A1/B1 Model)
	PCI	1 (TF-AEC-6872-A2/B1 Model)
	Mini Card	1
	Mini PCI	1
	Others	—
Indicator	Front	System LED x 1, HDD LED x 1
	Rear	—
Power Requirement		DC 9-30V / 12V (Optional A or B Model)
Power Consumption		—
System Cooling		Passive Cooling
Mounting		Wallmount
Operating Temperature		Ambient with Airflow 14°F ~ 131°F (-10°C ~ 55°C)
Storage Temperature		-4°F ~ 158°F (-20°C ~ 70°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
MTBF		—
Certification	EMC	CE/FCC class A
	Safety	—
Dimension (W x H x D)		8.4"(W) x 3.7"(H) x 9.4"(D) (214mm x 94.8mm x 237.8mm)
Gross Weight		12.76 lb (5.8 Kg)

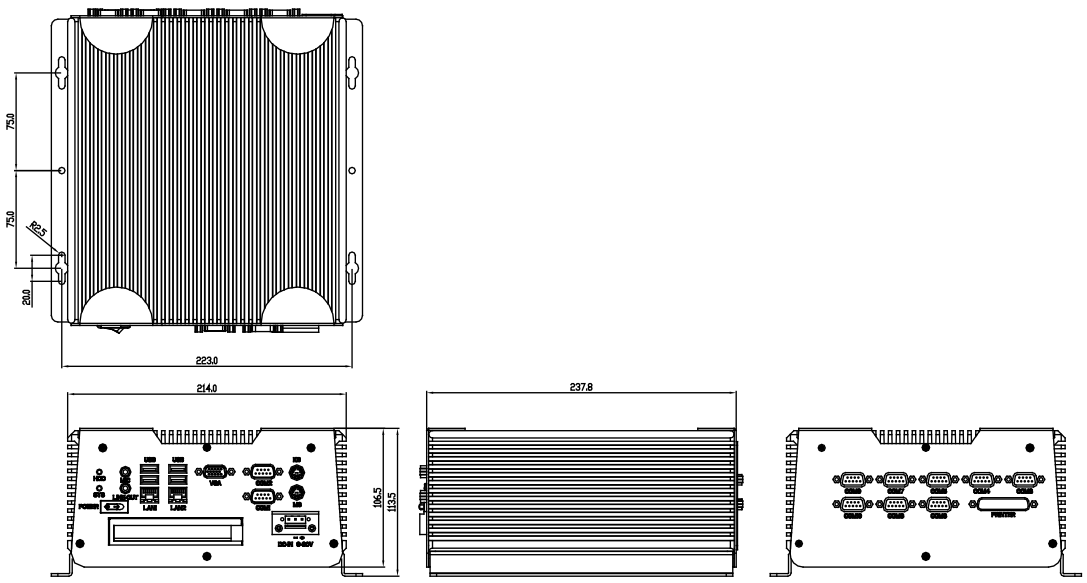
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Note: All specifications are subject to change without notice.

AEC-6872

Dimension

Unit: mm



Ordering Information

- **TF-AEC-6872-A1-1010**
  Embedded Controller, Intel® Atom™ D510, 1 PCI-Express [x1], DC 9-30V, 2GB RAM
- **TF-AEC-6872-B1-1010**
  Embedded Controller, Intel® Atom™ D510, 1 PCI-Express [x1], DC 12V, 2GB RAM
- **TF-AEC-6872-A2-1010**
  Embedded Controller, Intel® Atom™ D510, 1 PCI, DC 9-30V, 2GB RAM
- **TF-AEC-6872-B2-1010**
  Embedded Controller, Intel® Atom™ D510, 1 PCI, DC 12V, 2GB RAM

Optional Accessories

- **1757904002**
  Power Adapter (40W), Output: DC 12V - for AEC-6872
- **1702031802**
  Power Cord (US Type)
- **1702031803**
  Power Cord (European Type)
- **170203180E**
  Power Cord (Japanese Type)
- **9741662505**
  VESA Mount Kit