



Features

- Intel® Atom™ D510 Processor
- COM x 2 (Optional x 6), USB x 2 (Optional x 6)
- Fanless Cooling System
- PCI-Express Mini Card x 2
- SATA Hard Disk Drive Bay Inside
- ATX/ ACPI Power Mode



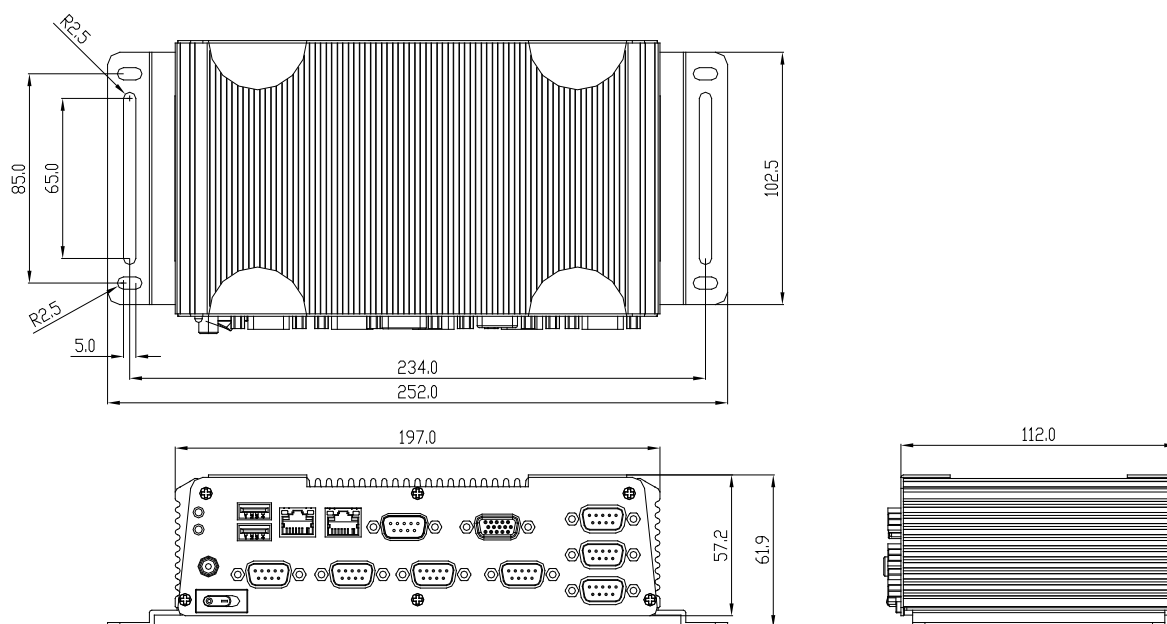
Specifications

CPU	Intel® Atom™ D510 1.66GHz	
Chipset	ICH8M	
System Memory	DDR2 SDRAM SODIMM x 1, Max. 2 GB	
Display Interface	VGA	DB-15 x 1
	DVI	—
	Others	—
Storage Device	SSD	CompactFlash™ Slot
	HDD	2.5" SATA Slim Hard Disk Drive Bay
Network	LAN	Gigabit Ethernet, RJ-45 x 2
	Wireless	—
Front I/O	USB Host	USB2.0 x 2 (TF-AEC-6612-A1-1010), USB2.0 x 6 (TF-AEC-6612-A2/3-1010)
	LAN	RJ-45 x 2
	Serial Port	RS-232/422/485 x 1, RS-232 x 1 (TF-AEC-6612-A1-1010), RS-232 x 5 (TF-AEC-6612-A2/A3-1010)
	DIO	—
	Audio	—
	KB/MS	—
	Others	Power Switch x 1, Reset Button x 1, Power input x 1
	Power	—
Rear I/O	USB Host	—
	LAN	—
	Serial Port	—
	DIO	—
	Audio	—
	KB/MS	—
Expansion	Others	—
	PCIe (x1)	—
	PCI	—
	Mini Card	2
	Mini PCI	—
Indicator	Others	—
	Front	Power LED x 1, Hard Disk Drive LED x 1
Power Requirement	Rear	—
	Power	DC-in 9~30V / DC-in 12 V input
Power Consumption	—	
System Cooling	Passive Cooling	
Mounting	Wallmount	
Operating Temperature	No airflow: -4°F ~ 113°F (-20°C ~ 45°C) - CFD -4°F ~ 122°F (-20°C ~ 50°C) - HDD	
	Ambient with Air: -4°F ~ 122°F (-20°C ~ 50°C) - CFD -4°F ~ 140°F (-20°C ~ 60°C) - HDD	
	-4°F ~ 140°F (-20°C ~ 60°C)	
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	—	
Certification	EMC	CE /FCC Class A
	Safety	—
Dimension (W x H x D)	8.35" (w) x 3.78" (H) x 6.26" (D) (212mm x 96mm x 159mm)	
Gross Weight	10.34 lb (4.7 Kg)	

AEC-6612

Dimension

Unit: mm



Ordering Information

- **TF-AEC-6612-A1-1010**

Embedded Controller, Intel® Atom™ D510, Fanless, 4 COM, 4 USB, DC 12V/ATX, w/ 2 Mini Card

Optional Accessories

- **1757306004**

POWER Adapter, 100/240V, 12V, 5A, 60W, DC, With Lockable Connector

- **1702031802**

Power Cord (US Type)

- **1702031803**

Power Cord (European Type)

- **170203180E**

Power Cord (Japanese Type)