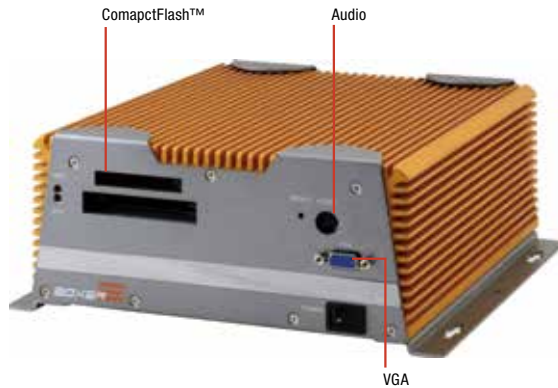


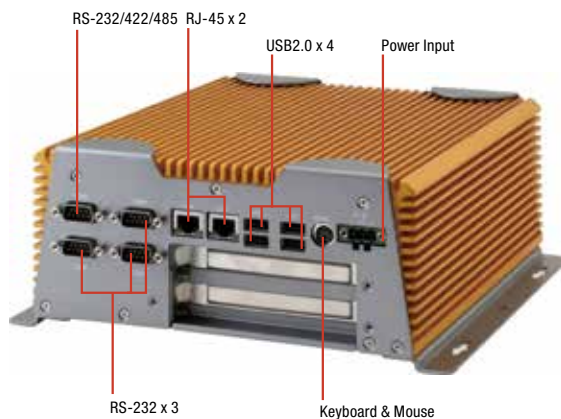
# AEC-6920

Advanced Fanless Embedded Controller With Intel® Core™ 2 Duo Processor And PCI-Express Expansion

Front View



Rear View



## Features

- Fanless Design
- Intel® Core™ 2 Duo Processor
- PCI-E x 1, PCI x 1
- Wide DC Power Input
- Dual Ethernet, COM x 4, USB x 4, Audio, CompactFlash™ x 1
- Anti-Vibration And Shock Resistant
- Machine Control, Security Node, Data Analyzer Platform
- ATX Power Function



Expansion	PCIe [x1]	[x 16] x 1
	PCI	1
	Mini Card	—
	Mini PCI	1
Indicator	Others	Card bus x 1
	Front	System LED x 1, HDD LED x 1
	Rear	—
Power Requirement	DC 9-30V	
Power Consumption	DC 12V/3.58A (T7200)	
System Cooling	Passive cooling	
Mounting	Wallmount	
Operating Temperature	Ambient with Airflow:	
	5°F ~ 131°F (-15°C ~ 55°C) (W/ T7200, WT CompactFlash™) 5°F ~ 122°F (-15°C ~ 50°C) (W/ T7200, WT HDD)	
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	40,000	
Certification	EMC	CE/FCC class A
	Safety	UL, LVD
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)	

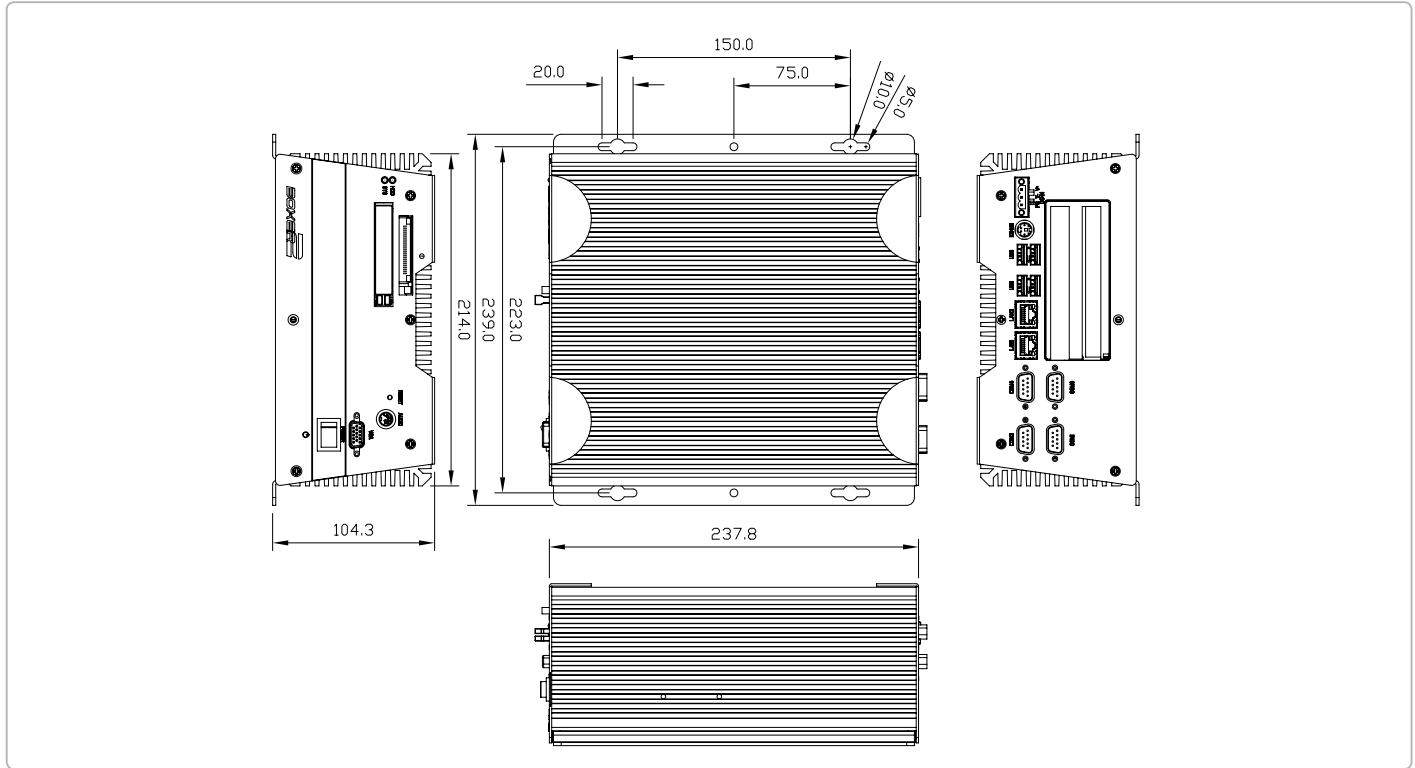
## Specifications

CPU	Intel® Core™ 2 Duo Processor	
Chipset	Intel® 945GME + ICH7M	
System Memory	200-pin DDR2 SODIMM x 1, up to 2GB	
Display Interface	VGA	DB-15, shared system memory up to 224MB/ DVM T 3.0
	DVI	—
	Others	—
Storage Device	SSD	Type 2 CompactFlash™ Slot x 1
	HDD	SATA 1.5Gb/s HDD bay x 1
Network	LAN	Gigabit Ethernet
	Wireless	—
Front I/O	USB Port	—
	LAN	—
	Serial Port	—
	DIO	—
	Audio	Line-in/ Line-out/ Mic-in, requires an extension cable
	KB/MS	—
	Others	VGA x 1, Cardbus slot x 1, CompactFlash™ slot x 1, SYS LED x 1, HDD LED x 1, Reset button x 1
Rear I/O	USB Port	4
	LAN	2
	Serial Port	RS-232 x 3, RS-232/422/485 x 1
	DIO	—
	Audio	—
	KB/MS	1
	Others	Power Inlet x 1

# AEC-6920

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	RAM	LAN	USB	RS-232	RS-232/422/485	Storage	Display	Expansion	Mounting	Power	Temp.
TF-AEC-6920-A1-1210	T7200-2.0GHz	512MB	2	4	3	1	CF kit x 1, HDD Kit x 1	VGA x 1	PCI x 1, PCIe x 1, Mini-PCI x 1, Card bus x 1	Wall mount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6920-A2-1210	T5500-1.66GHz	512MB	2	4	3	1	CF kit x 1, HDD Kit x 1	VGA x 1	PCI x 1, PCIe x 1, Mini-PCI x 1, Card bus x 1	Wall mount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6920-A3-1210	C.M440-1.86GHz	512MB	2	4	3	1	CF kit x 1, HDD Kit x 1	VGA x 1	PCI x 1, PCIe x 1, Mini-PCI x 1, Card bus x 1	Wall mount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6920-A4-1210	T7200-2.0GHz	1GB	2	4	3	1	CF kit x 1, HDD Kit x 1	VGA x 1	PCI x 1, PCIe x 1, Mini-PCI x 1, Card bus x 1	Wall mount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6920-A5-1210	T5500-1.66GHz	1GB	2	4	3	1	CF kit x 1, HDD Kit x 1	VGA x 1	PCI x 1, PCIe x 1, Mini-PCI x 1, Card bus x 1	Wall mount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6920-A6-1210	T7200-2.0GHz	2GB	2	4	3	1	CF kit x 1, HDD Kit x 1	VGA x 1	PCI x 1, PCIe x 1, Mini-PCI x 1, Card bus x 1	Wall mount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6920-A7-1210	T5500-1.66GHz	2GB	2	4	3	1	CF kit x 1, HDD Kit x 1	VGA x 1	PCI x 1, PCIe x 1, Mini-PCI x 1, Card bus x 1	Wall mount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6920-A9-1210	L7400-1.5 GHz	—	2	4	3	1	CF kit x 1, HDD Kit x 1	VGA x 1	PCI x 1, PCIe x 1, Mini-PCI x 1, Card bus x 1	Wall mount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6920-A10-1210	T2500-2.0GHz	1GB	2	4	3	1	CF kit x 1, HDD Kit x 1	VGA x 1	PCI x 1, PCIe x 1, Mini-PCI x 1, Card bus x 1	Wall mount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6920-B1-1210	T7200-2.0GHz	512MB	2	4	3	1	CF kit x 1, HDD Kit x 1	VGA x 1	PCI x 2, Mini-PCI x 1, Card bus x 1	Wall mount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6920-B2-1210	T5500-1.66GHz	512MB	2	4	3	1	CF kit x 1, HDD Kit x 1	VGA x 1	PCI x 2, Mini-PCI x 1, Card bus x 1	Wall mount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6920-B3-1210	C.M440-1.86GHz	512MB	2	4	3	1	CF kit x 1, HDD Kit x 1	VGA x 1	PCI x 2, Mini-PCI x 1, Card bus x 1	Wall mount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6920-B4-1210	T7200-2.0GHz	1GB	2	4	3	1	CF kit x 1, HDD Kit x 1	VGA x 1	PCI x 2, Mini-PCI x 1, Card bus x 1	Wall mount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6920-B5-1210	T5500-1.66GHz	1GB	2	4	3	1	CF kit x 1, HDD Kit x 1	VGA x 1	PCI x 2, Mini-PCI x 1, Card bus x 1	Wall mount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6920-B6-1210	T7200-2.0GHz	2GB	2	4	3	1	CF kit x 1, HDD Kit x 1	VGA x 1	PCI x 2, Mini-PCI x 1, Card bus x 1	Wall mount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6920-B7-1210	T5500-1.66GHz	2GB	2	4	3	1	CF kit x 1, HDD Kit x 1	VGA x 1	PCI x 2, Mini-PCI x 1, Card bus x 1	Wall mount	9-30V	-15°C ~ 55°C (w/o air)
TF-AEC-6920-B8-1210	T2500-2.0GHz	1GB	2	4	3	1	CF kit x 1, HDD Kit x 1	VGA x 1	PCI x 2, Mini-PCI x 1, Card bus x 1	Wall mount	9-30V	-15°C ~ 55°C (w/o air)

## Packing List

- Phoenix Power Connector x 1
- Wallmount Bracket x 2
- Audio Cable x 1
- Screw Package x 1
- Product CD
- AEC-6920

## Optional Accessories

- **1757912001**  
AC Adapter (120W), Input AC 100~240V; Output: DC 19V
- **1702031830**  
Power Cord (US type)
- **1702031831**  
Power Cord (European type)
- **1702031810**  
Power Cord (Japanese type)
- **9783204012**  
Automotive Hard Disk Drive 40G
- **9741692003**  
Slim CD-ROM + 2.5" SATA HDD Kit
- **9741692004**  
2.5" IDE x 1 + 2.5" SATA HDD Kit
- **9741692005**  
3.5" IDE HDD Kit