

AEC-6920

Computing Platform Service Partner

Advanced Fanless Embedded Controller with Intel® Core 2 Duo Processor and PCI-Express Expansion

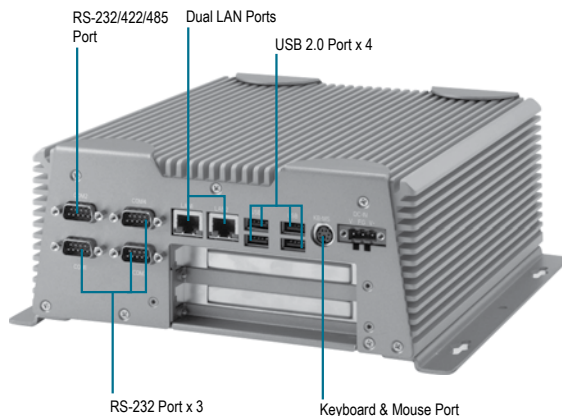
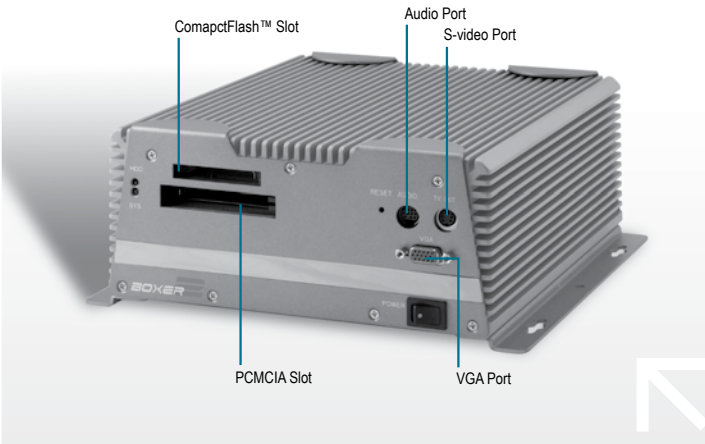
Features

- ▶ **Fanless Design**
- ▶ **Intel® Core 2 Duo Processor**
- ▶ **1 PCI-E/ 1 PCI**
- ▶ **Wide Range DC or AC Power Input**
- ▶ **Gigabit Ethernet/ 4 COM/ 4 USB/ Audio/ Parallel/ CFD**
- ▶ **Anti-vibration and Shock Resistant**
- ▶ **Machine Control, Security Node, Data Analyzer Platform**

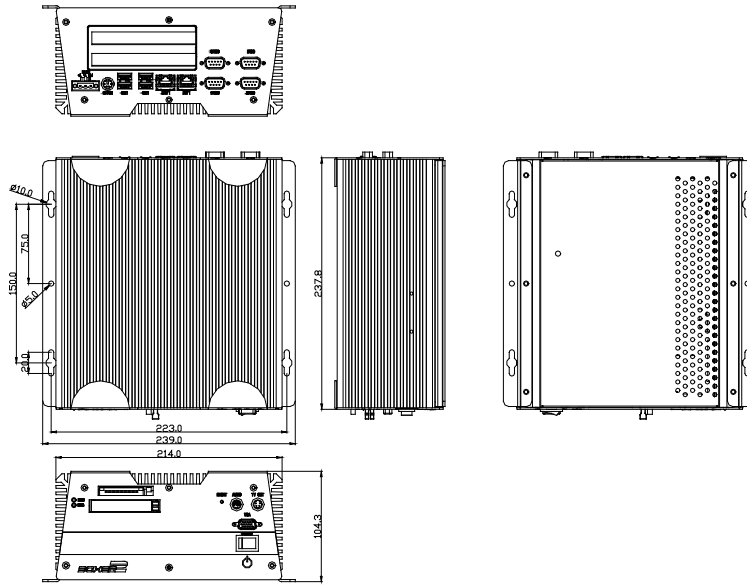


Specifications

System	
Processor	Intel® Core 2 Duo Processor
System Memory	DDR II SODIMM x 1, Max. 1 GB
Expansion	PCI-E x 1, PCI x 1, PCMCIA slot x 2
VGA/ Keyboard/ Mouse	DB-15 VGA Connector, PS/2 Keyboard & Mouse
Ethernet	10/100/1000Base-TX RJ-45 connector x 2
SSD	Type II CompactFlash™ slot x 1
Hard Disk Storage	2.5" Slim Hard Disk Drive Bay
Serial Port	RS-232 x 3, RS-232/422/485 x 1
Audio	Mic-in/ Line-in/ Line-out , requires extension cable
USB	USB 2.0 port x 4
System Control	Power on/ off switch x 1, Reset button x 1
LED Indicator	Power LED x 1, Hard Disk Drive active LED x 1
Watchdog Timer	Generates a time-out system reset, setting via software
Power Supply	1. DC Input: Internal DC-DC Converter (Default) Input voltage: 9V DC ~ 30V DC
	2. AC Input: External Power Adapter (Optional) Input voltage: 100V AC ~ 240V AC @ 50 ~ 60Hz
OS Support	Windows® XP, Windows® 2000, Windows® XP Embedded
Mechanical	
Construction	Rugged Aluminum Alloy chassis
Color	Mustard
Mounting	Wallmount
Dimension	8.4"(W) x 3.7"(H) x 9.4"(D) (214mm x 94.8mm x 237.8mm)
Carton Dimension	13.2"(W) x 11.6"(H) x 10.2"(D) (336mm x 294mm x 260mm)
Net Weight	12.4 lb (5.63 kg)
Environmental	
Operating Temperature	5°F ~ 131°F (-15°C ~ 55°C) - Core 2 Duo 2.0GHz (T7200) - CFD
	5°F ~ 122°F (-15°C ~ 50°C) - Core 2 Duo 2.0GHz (T7200) - Automotive HDD
	5°F ~ 113°F (-15°C ~ 45°C) - Core 2 Duo 2.0GHz (T7200) - Normal HDD
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Storage Humidity	5~90%@40°C, non-condensing
Vibration	5 grms/ 5 ~ 500Hz/ random operation (CFD)
	1 grms/ 5 ~ 500Hz/ random operation (Internal Hard Disk Drive active Module)
Shock	50 g peak acceleration (11 msec. duration) (CFD)
	20 g peak acceleration (11 msec. duration) (Hard Disk Drive Module)
EMC	CE/FCC class A, UL



Dimension Unit: mm



Ordering Information

- **TF-AEC-6920-A1**
Embedded Controller, Core 2 Duo 2.0 GHz, Fanless, 1 PCI-E, 1 PCI, DC9-30V, 512MB RAM
- **TF-AEC-6920-A2**
Embedded Controller, Core 2 Duo 1.6 GHz, Fanless, 1 PCI-E, 1 PCI, DC9-30V, 512MB RAM

Optional Accessories

- **T1757912001**
Power Adapter, 19V, 6.32A, 120W
- **1702031830**
Power Cable, YP-12 3P, YC-14 3P, for USA
- **1702031831**
Power Cable, YP-22 3P, YC-14 3P, for European
- **AP-HD9783204005**
2.5" HDD, 40GB, Automotive HDD
- **9783208002**
2.5" HDD, 80GB, SATA HDD