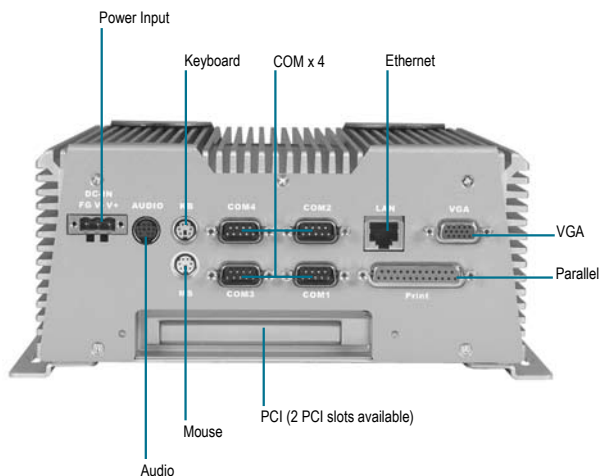
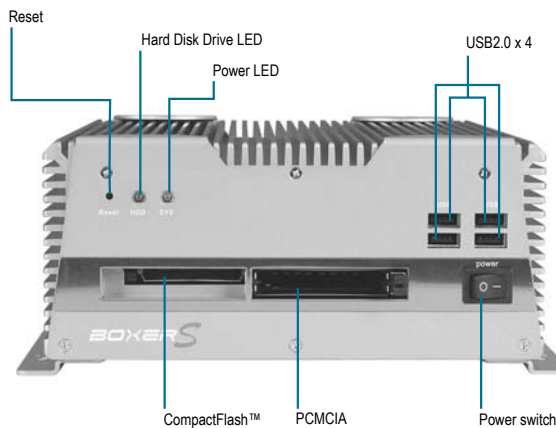


Advanced Fanless Embedded Controller With Intel® Pentium® M/ Celeron® M Processor And PCI Expansion



## Features

- Fanless Design
- Intel® Pentium® M (Up To 2.0 GHz)/ Celeron® M Processor
- PCI x 1 (Optional 2<sup>nd</sup> PCI), PCMCIA x 2
- Wide DC Or AC Power Input Range
- Ethernet, COM x 4, USB x 4, Audio, Parallel, CompactFlash™
- Anti-Vibration And Shock Resistant
- Machine Control, Security Node, Data Analyzer Platform
- AT Power Function



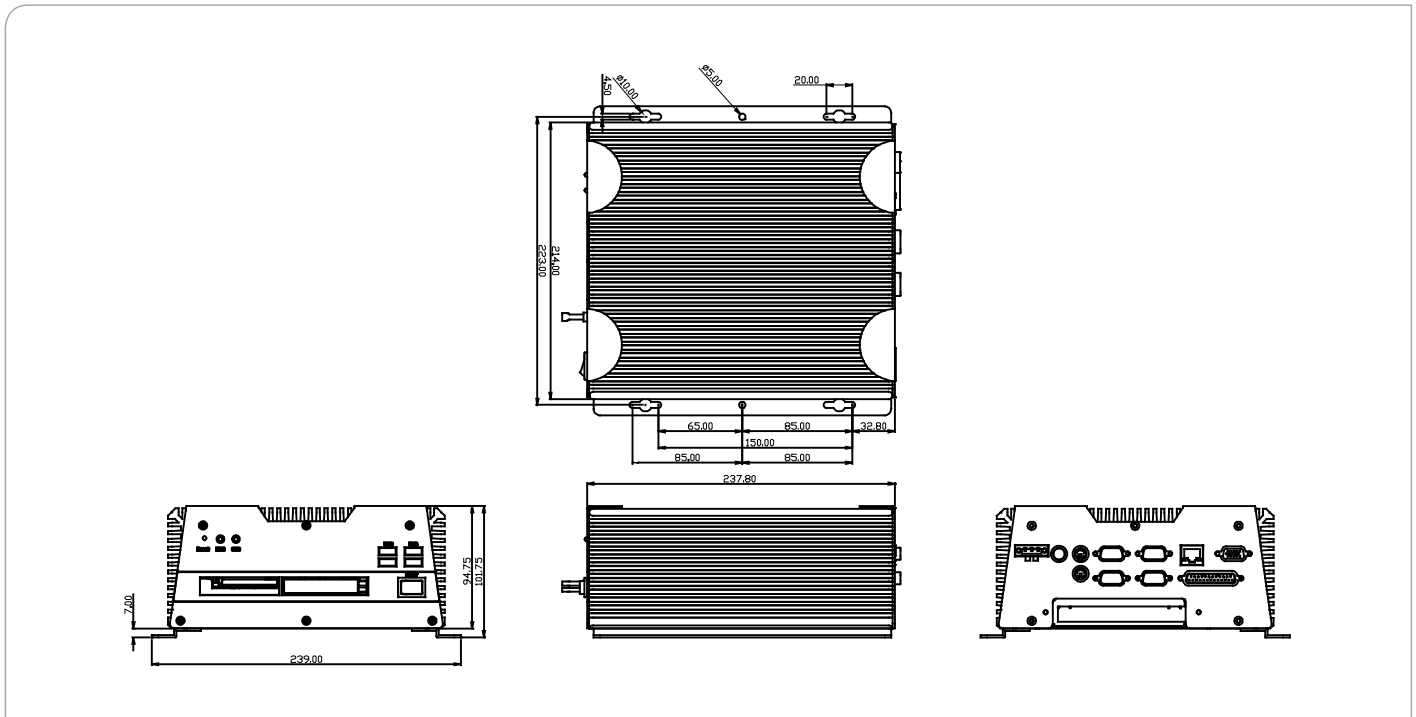
## Specifications

System	
Processor	Intel® Pentium® M (up to 2.0 GHz)/ Celeron® M Processor
System Memory	DDR SDRAM DIMM x 1, Max. 1 GB
Expansion	PCI x 1 (Optional 2 <sup>nd</sup> PCI), PCMCIA x 2
VGA/ Keyboard/ Mouse	DB-15 VGA, PS/2 Keyboard & Mouse
Ethernet	10/100Base-TX RJ-45 x 1
SSD	Type II CompactFlash™ x 1
Hard Disk Storage	2.5" Hard Disk Drive Bay
Serial	RS-232 x 3, RS-232/422/485 x 1
Audio	Mic-in/ Line-in/ Line-out , requires an extension cable
USB	USB2.0 x 4
Parallel	Printer x 1
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
Power Consumption	Intel® Pentium® M 1.3 GHz, DDR333 256 MHz 2.2A@12V
MTBF (Hours)	40,000
OS Support	Windows® XP , 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) - 1 PCI 8.4"(W) x 4.6"(H) x 9.4"(D) (214mm x 117.5mm x 237.8mm) - 2 PCI
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) - 1 PCI
	13.7 lb (6.21 Kg) - 2 PCI
Environmental	
Operating Temperature	5°F ~ 131°F (-15°C ~ 55°C) (P-M 1.6 GHz, CompactFlash™)
	5°F ~ 122°F (-15°C ~ 50°C) (P-M 1.6 GHz, Automotive Hard Disk Drive)
	5°F ~ 113°F (-15°C ~ 45°C) (P-M 1.6 GHz, Normal Hard Disk Drive)
Storage Humidity	5~95%@40°C, non-condensing
Vibration	5 grms/ 5 ~ 500Hz/ random operation (CompactFlash™)
	1 grms/ 5 ~ 500Hz/ random operation (Internal Hard Disk Drive active Module)
Shock	50 g peak acceleration (11 msec. duration) (CompactFlash™)
	20 g peak acceleration (11 msec. duration) (Hard Disk Drive Module)
EMC	CE/FCC class B, UL, EN-50155, EN-60601

# AEC-6910

## Dimension

Unit: mm



## Ordering Information

- **TF-AEC-6910-A1**  
Embedded Controller, Intel® Pentium® M 1.6 GHz Processor, Fanless, DC 9-30V, 1 PCI, 512 MB RAM
- **TF-AEC-6910-A2**  
Embedded Controller, Intel® Celeron® M 1.3 GHz Processor, Fanless, DC 9-30V, 1 PCI, 256 MB RAM
- **TF-AEC-6910-B1**  
Embedded Controller, Intel® Pentium® M 1.6 GHz Processor, Fanless, DC 9-30V, 2 PCI, 512 MB RAM
- **TF-AEC-6910-B2**  
Embedded Controller, Intel® Celeron® M 1.3 GHz Processor, Fanless, DC 9-30V, 2 PCI, 256 MB RAM
- **TF-AEC-6910-A4**  
Embedded Controller, Intel® Pentium® M 2.0 GHz Processor, Fanless, DC 9-30V, 1 PCI, 512 MB RAM
- **TF-AEC-6910-B4**  
Embedded Controller, Intel® Pentium® M 2.0 GHz Processor, Fanless, DC 9-30V, 2 PCI, 512 MB RAM

## 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)
- **9741691011**  
CD-ROM Kit for AEC-6910 B1/B2
- **9741691007**  
3.5" Hard Disk Drive Kit for AEC-6910 B1/B2
- **9741691006**  
CD-ROM Kit for AEC-6910 A1/A2