

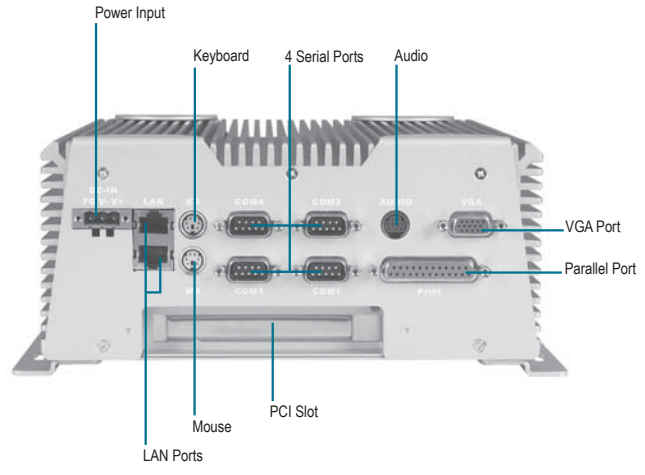
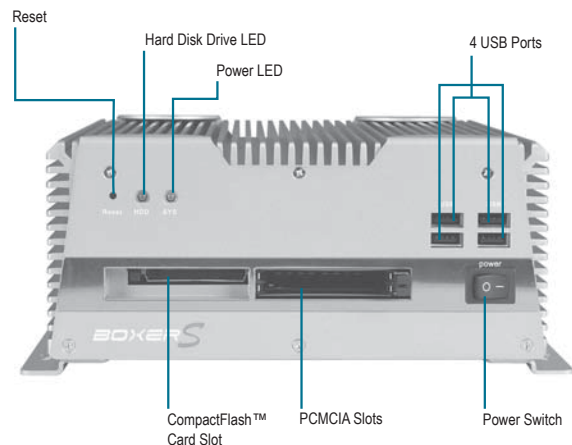
# AEC-6900

Computing Platform Service Partner

## Advanced Fanless Embedded Controller with ULV Celeron® Processor and PCI Expansion

### Features

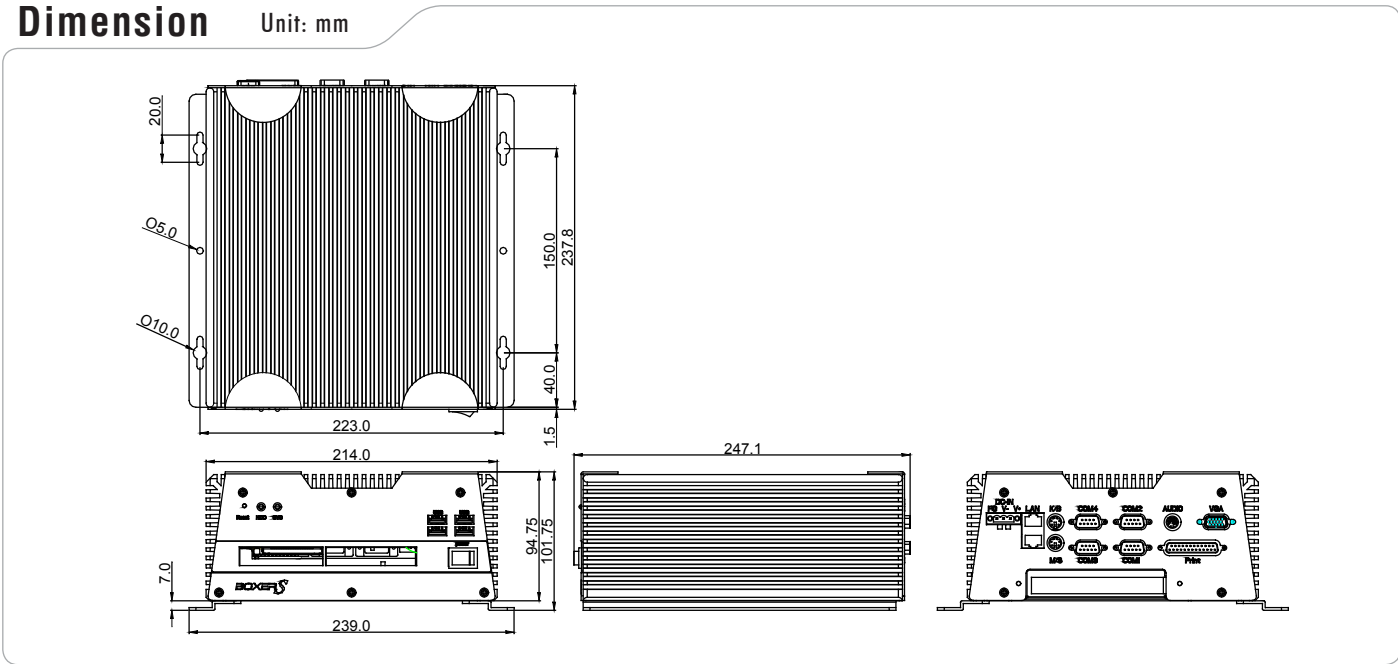
- Fanless Design
- Intel® ULV Celeron® 650MHz Processor
- 1 PCI (optional 2nd PCI)/ 2 PCMCIA Slots
- Wide Range DC or AC Power Input
- Dual Ethernet/ 4 COM/ 4 USB/ Audio/ Parallel
- Anti-vibration and Shock Resistant
- Machine Control, Security Node, Data Analyzer Platform



### Specifications

System	
Processor	Intel® ULV Celeron® 650MHz Processor
System Memory	SDRAM DIMM x 1, Max. 512 MB
Expansion	PCI x 1 (Optional 2nd PCI), PCMCIA slot x 2
VGA/ Keyboard/ Mouse	DB-15 VGA Connector, PS/2 Keyboard & Mouse
Ethernet	10/100Base-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 1.1 port x 4
Parallel Port	Printer port 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
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) - 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 ~ 149°F (-15°C ~ 65°C) (CFD) 5°F ~ 140°F (-15°C ~ 60°C) (Automotive Hard Disk Drive) 5°F ~ 113°F (-15°C ~ 45°C) (Normal Hard Disk Drive)
Operating Humidity	5~95%@40°C, non-condensing
Vibration	5 grms/ 5 ~ 500Hz/ random operation (CFD) 1 grms/ 5 ~ 500Hz/ random operation (Internal Hard Disk Drive)
Shock	50 g peak acceleration (11 msec. duration) (CFD) 20 g peak acceleration (11 msec. duration) (Hard Disk Drive)
EMC	CE/FCC class A

**Dimension** Unit: mm



**Ordering Information**

- **TF-AEC-6900-A1**  
Embedded Controller, Intel® ULV Celeron® 650MHz CPU, Fanless, DC9-30V, 1 PCI, 256MB RAM
- **TF-AEC-6900-B1**  
Embedded Controller, Intel® ULV Celeron® 650MHz CPU, Fanless, DC9-30V, 2 PCI, 256MB RAM

**Optional Accessories**

- **1757912001**  
AC Adapter (120W)
- **1702031830**  
Power Cord (US type)
- **1702031831**  
Power Cord (European type)
- **9741691011**  
CD-ROM Kit for A EC-6910 B1/B2
- **9741691007**  
3.5" Hard Disk Drive Kit for AEC-6910 B1/B2
- **9741691006**  
CD-ROM Kit for AEC-6910 A1/A2
- **Industrial Grade CompactFlash™**
- **Wide Temperature CompactFlash™**
- **AP-HD9783204005**  
Automotive Hard Disk Drive 40G