

AEC-6900

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

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BOXER S Series - Fanless Embedded Controller Solutions



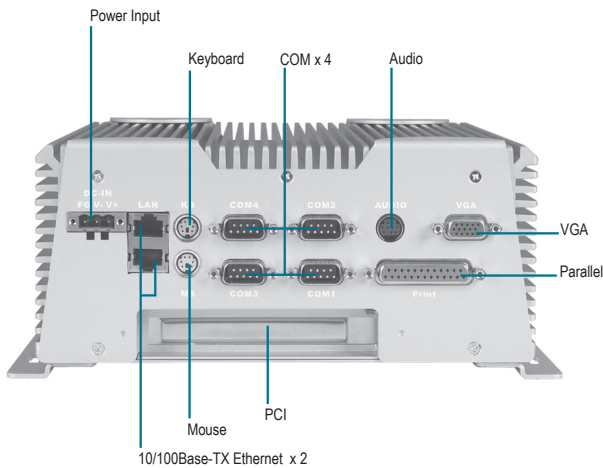
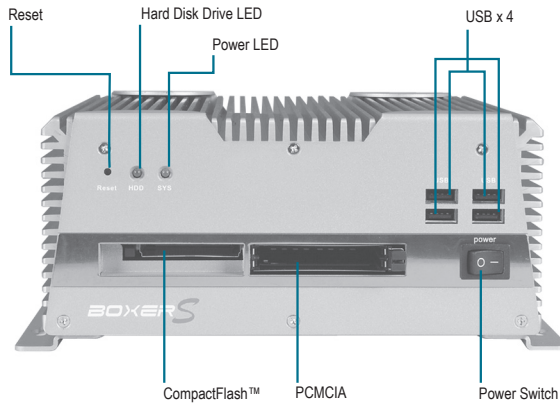
Features

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



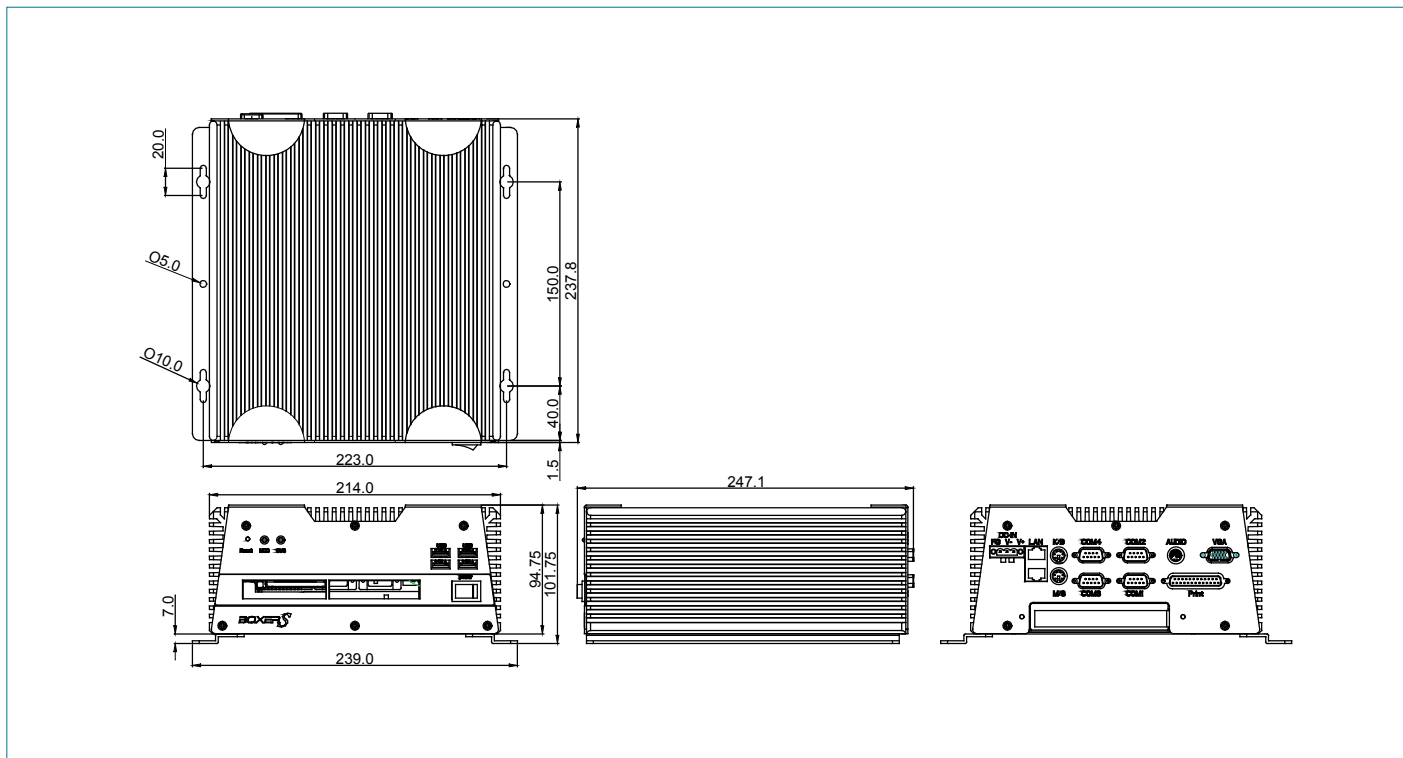
Specifications

System	
Processor	Intel® ULV Celeron® 650MHz Processor
System Memory	SDRAM DIMM x 1, Max. 512 MB
Expansion	PCI x 1 (Optional 2nd PCI), PCMCIA x 2
VGA/ Keyboard/ Mouse	DB-15 VGA x 1, PS/2 Keyboard x 1, PS/2 Mouse x 1
Ethernet	10/100Base-TX, RJ-45 x 2
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 extension cable
USB	USB1.1 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® ULV Celeron® 650MHz 1.66A @12V
MTBF (Hours)	60,000
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) (CompactFlash™) 5°F ~ 140°F (-15°C ~ 60°C) (Automotive Hard Disk Drive) 5°F ~ 113°F (-15°C ~ 45°C) (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)
Shock	50 g peak acceleration (11 msec. duration) (CompactFlash™) 20 g peak acceleration (11 msec. duration) (Hard Disk Drive)
EMC	CE/FCC class A



AEC-6900

Dimension Unit: mm



Ordering Information

- **TF-AEC-6900-A1**
Embedded Controller, Intel® ULV Celeron® 650MHz Processor, Fanless, DC9-30V, 1 PCI, 256MB RAM
- **TF-AEC-6900-B1**
Embedded Controller, Intel® ULV Celeron® 650MHz Processor, Fanless, DC9-30V, 2 PCI, 256MB 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
- **9783204012**
Automotive Hard Disk Drive 40G