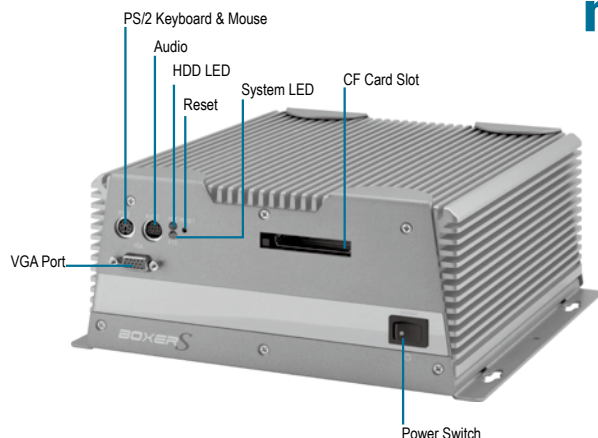


Advanced Embedded Fanless Controller with PCI and PC/104+ Expansion

05

BOXER S Series - Fanless Embedded Controller Solutions

new

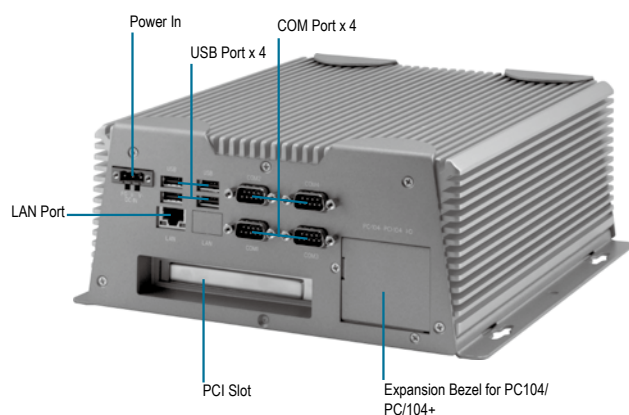


Features

- **Fanless Design**
- **Wide Power Input Range**
- **1 PCI Slot, 2 PC/104+ Sockets (Stack)**
- **High Performance; Up to Celeron® M CPU**
- **Mini Size Outline**
- **Good for Vehicle Application**
- **ATX Power Function**

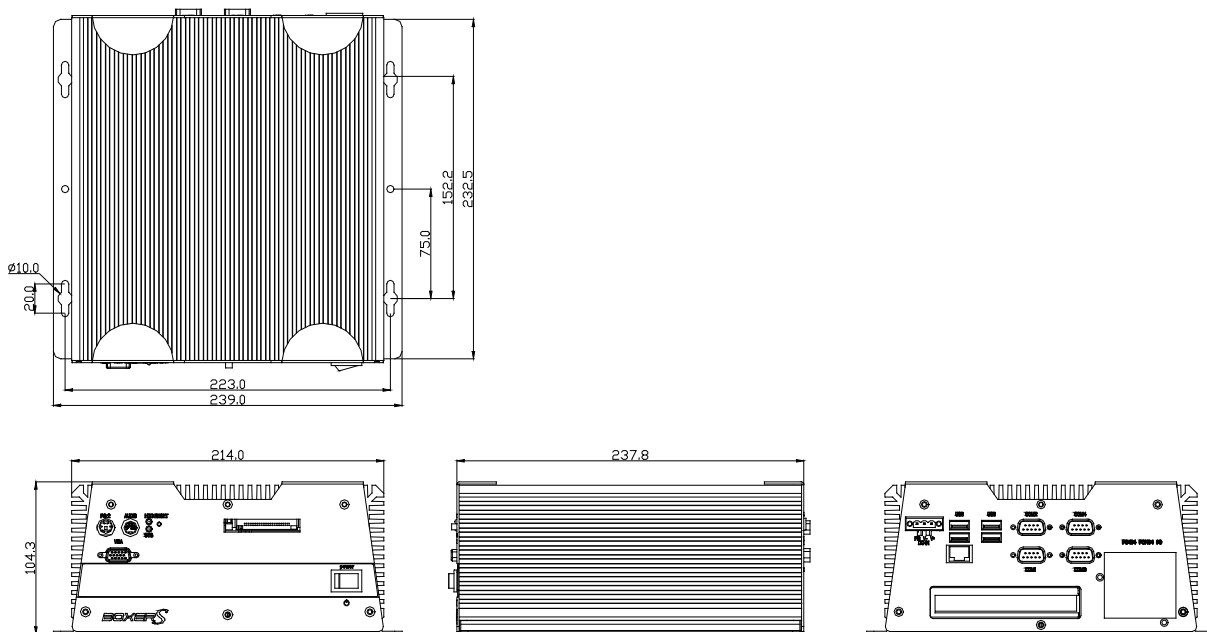


Specifications



System	
Processor	Intel® Celeron® M CPU, up to 1.5 GHz
System Memory	DDR SODIMM x 1, Max. 1GB
Expansion	PCI x 1, PC/104+ x 2 (Stack)
VGA/ Keyboard/ Mouse	VGA x 1, PS2 x 1
Ethernet	10/100 Base-TX RJ-45 Connector x 1
SSD	CompactFlash™ Slot x 1
Hard Disk Storage	2.5" SATA/IDE Hard Disk Drive bracket x 1 in system
Serial Port	RS-232 x 3, RS-232/422/485 x 1
Audio	Mic-in/ Line-in/ Line-out, requires an extension cable
USB	USB 2.0 x 4
Parallel Port	-
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® Celeron® M 600MHz 12V@1.6A
MTBF (Hours)	40,000
OS Support	Windows® XP, Windows® XP Embedded, WinCE, Linux
Mechanical	
Construction	Rugged Aluminum Alloy chassis
Color	Mustard
Mounting	Wallmount
Dimension	8.43" (W) x 4.11" (H) x 9.36" (D) (214mm x 104.3mm x 237.8mm)
Carton Dimension	13.23" (W) x 11.57" (H) x 10.24" (D) (336mm x 294mm x 260mm)
Net Weight	12.32 lb (5.6Kg)
Environmental	
Operating Temperature	-4°F ~ 140°F (-20°C ~ 60°C) (Celeron® M 1.5G/CFD) -4°F ~ 131°F (-20°C ~ 55°C) (Celeron® M 1.5G/HDD)
Operating Humidity	5~95%@40°C, non-condensing
Vibration	5 grms/ 5 ~ 500Hz/ random operation (CFD) 1 grms/ 5 ~ 500Hz/ random operation (With 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-6905-A1-1010**
Embedded Controller, Celeron® M 1.5GHz, Fanless, 1 PCI, 1 PC/104+, DC 9-30V, 512MB RAM
- **TF-AEC-6905-A2-1010**
Embedded Controller, Celeron® M 600MHz, Fanless, 1 PCI, 1 PC/104+, DC 9-30V, 512MB 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)
- **9783204006**
Automotive Hard Disk Drive 40G