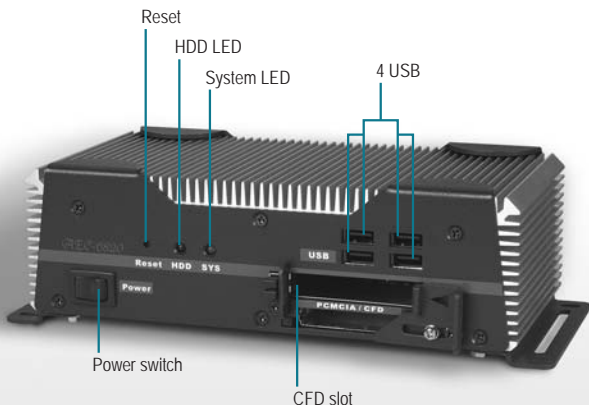


AEC-6820

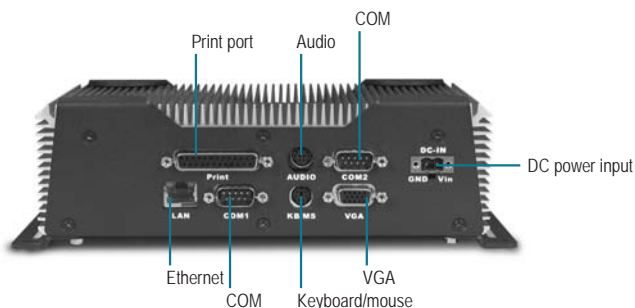
Industrial Computing Platform Partner

Fanless Embedded control PC with Transmeta TM5800 733MHz/1GHz CPU



Features

- ▶ Fanless Design with Transmeta 733MHz/1GHz processor
- ▶ 2 PCMCIA slots for expansion
- ▶ Ethernet / 2 COM / 4 USB / Audio
- ▶ Windows® CE .net / CFD / Optional HDD Kit
- ▶ Anti-vibration up to bgrms / Anti-shock up to 100g
- ▶ CE / FCC class B certified

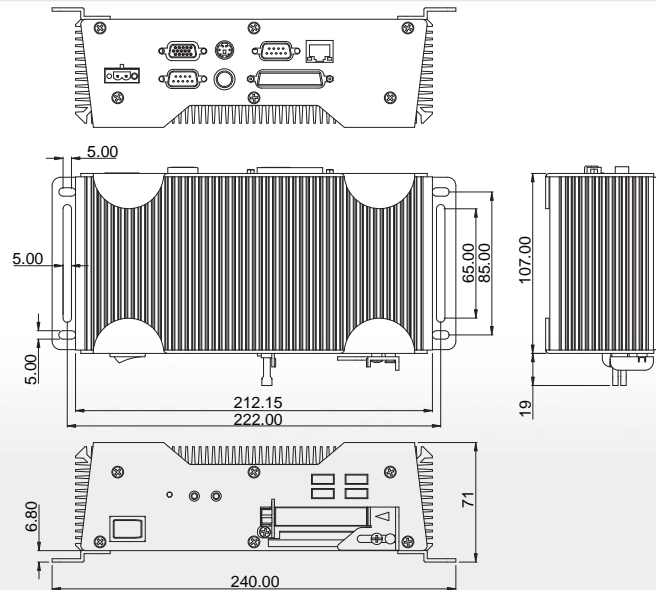


Specifications

System	
CPU	Transmeta Crusoe TM5800 733MHz/1GHz Processor
System Memory	Onboard 64MB SDRAM, 144-pin SDRAM SODIMM x 1, Max. 512MB (PC 66/100/133MHz)
VGA / Keyboard / Mouse	DB-15 VGA Connector, PS/2 Keyboard & Mouse
Ethernet	10/100Base-TX RJ-45 connector x 1
SSD	Type II CompactFlash™ slot x 1
Hard Disk Storage	Optional 2.5" Slim HDD Module
Serial Port	RS-232 x 1, RS-232/422/485 x 1
Audio	Mic-in / Line-in / Line-out , by extension cable
USB	USB 1.1 port x 4
Parallel Port	Parallel port x 1
Watchdog Timer	Generate a time-out system reset, setting via software
Power Supply	1.DC Input -- Internal DC-DC Converter(Standard) Output rating : 30W Input voltage : 9V DC - 30V DC Output voltage : +5V@6A 2.AC Input -- External Power Adapter (Optional) Output rating : 36W Input voltage : 100V AC - 240V AC @ 50 - 60Hz
System Control	Power on / off switch x 1, Reset button x 1
LED Indicator	Power LED x 1, HDD active LED x 1
OS Support	Windows® CE .NET 4.2, Windows® XP Embedded, Windows® XP/2000
Mechanical	
Construction	Rugged Aluminum Alloy chassis
Color	Dark Blue
Mounting	Wall-mount (Default), Din Rail
Dimension	8.35" (W) x 2.53" (H) x 4.21" (D) (212.15mm x 64.2 mm x 107mm)
Carton Dimension	12" (W) x 7.87" (H) x 9.4" (D) 305mm x 200mm x 240mm
Net Weight	4.75lb (2.16kg)
Gross Weight	8.36lb (3.8kg)

Dimension

Unit : mm



Environmental	
Operating Temperature	5°F ~ 158°F (-15°C ~ 70°C) (CFD) 32°F ~ 122°F (0°C ~ 50°C) (HDD)
Operating Humidity	5 ~ 95% @ 40°C, non-condensing
Vibration	6 grms / 5 ~ 500Hz / random operation (CFD) 1g / 5 ~ 500Hz / random operation (HDD)
Shock	100 g peak acceleration (11 msec. duration)
EMC	CE/FCC class B

Ordering Information

- **AEC-6820-A1**
Fanless Embedded control PC with Transmeta TM5800 733MHz CPU, PCMCIA x 2
- **AEC-6820-A2**
Fanless Embedded control PC with Transmeta TM5800 1GHz CPU, PCMCIA x 2

Optional Accessories

- **9741681001**
Slim HDD Kit for AEC-68X0
- **9741681002**
AC Input Adapter Kit for AEC-68X0
- **9741681003**
DIN Rail Kit for AEC-68X0
- **9741681004**
Ultra Cooling Kit
- **9741666643**
1.8-g rms Vibration Protection HDD Kit for Vehicle (for AEC-68X0)
- **9681681000**
USB to Parallel Port Adapter
- **9789666605**
USB to 4 Serial Port Converter
- **9789666606**
USB to 2 Serial Port Converter
- **9741081006**
Easy I/O Module
- **9741681007**
UPS Battery Module
- **9789666614**
GPS Module (USB/RS-232 Interface)

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Medical Station
Solutions -
ONYX Series

2
Fanless Operator
Panel Solutions -
OMNI Series

3
Robust Panel
PC Solutions

4
Industrial
Workstation
Solutions

5
Industrial
Monitor
Solutions

6
Embedded
Control PC-
BOXER Series

7
Accessory
Sunreadable
LCD Monitors

8
Accessories
and options