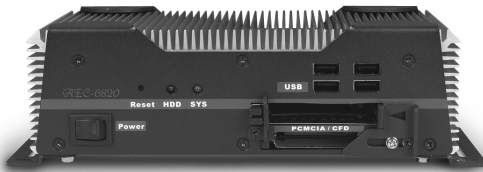
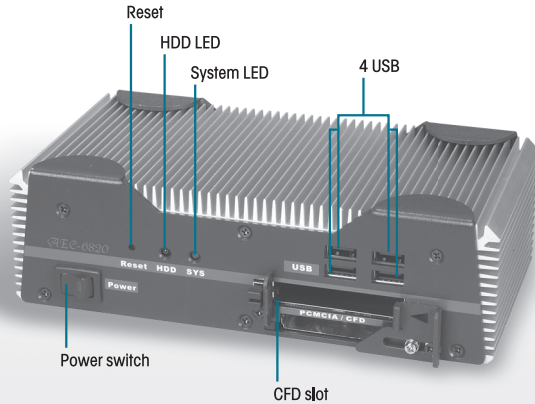


AEC-6820

The Power That Solves

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



Features

- Fanless Design with Transmeta 733MHz/1GHz processor
- 2 PCMCIA slots for expansion
- Embedded OS WinCE.net porting ready for application
- Ethernet / 2 COM / 4 USB / Audio
- Supports CompactFlash(Memory and optional HDD module
- Din Rail or wall-mount design for simple installation



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-T 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 : 9Vdc ~ 30Vdc Output voltage : +5V@6A 2.AC Input – External Power Adapter (Optional) Output rating : 36W Input voltage : 100VAC ~ 240VAC @ 50 ~ 60Hz Output voltage : +12V@5A
System Control	Power on / off switch x 1, Reset button x 1
Indicator	Power LED x 1, HDD active LED x 1
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	305mm x 200mm x 240mm
Net Weight	4.75lb (2.16kg)
Gross Weight	8.36lb (3.8kg)

Dimension

Unit : mm

1

Operator Panel

2

Panel PC

3

LCD PC

4

Embedded Control PC

5

Workstation

6

Display Monitor

7

IPC Solution

8

Full-Size CPU Card

9

Half-Size CPU Card

10

Accessory

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 A
Software	Windows CE.net 4.2, Windows XP Embedded, Windows XP/2000

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**
HDD module kit
- **9741681002**
AC input Adapter
- **9741681003**
DIN rail mounting kit