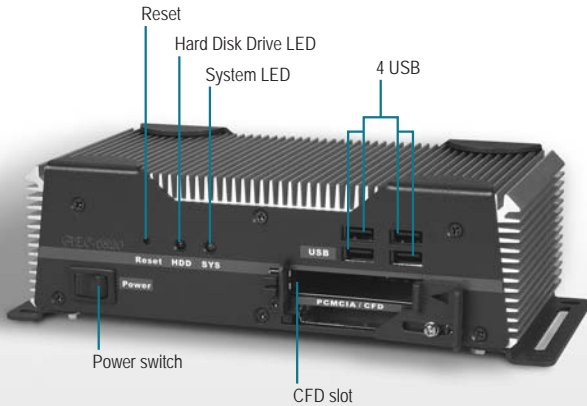


AEC-6820

Industrial Computing Platform Partner

Advanced Fanless Embedded Controller



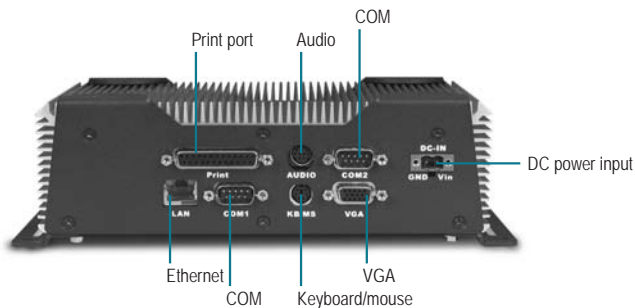
Features

- Fanless Design
- Intel® Pentium® M / Celeron® M processor
- 1 PCI(optional 2nd PCI) / 2 PCMCIA slots
- Wide Range DC/AC Power Input
- Ethernet / 4 COM / 4 USB / Audio / Parallel / CFD
- Anti-vibration and Shock
- Ideal Machinery Control, Security, Data Analyzer Platform



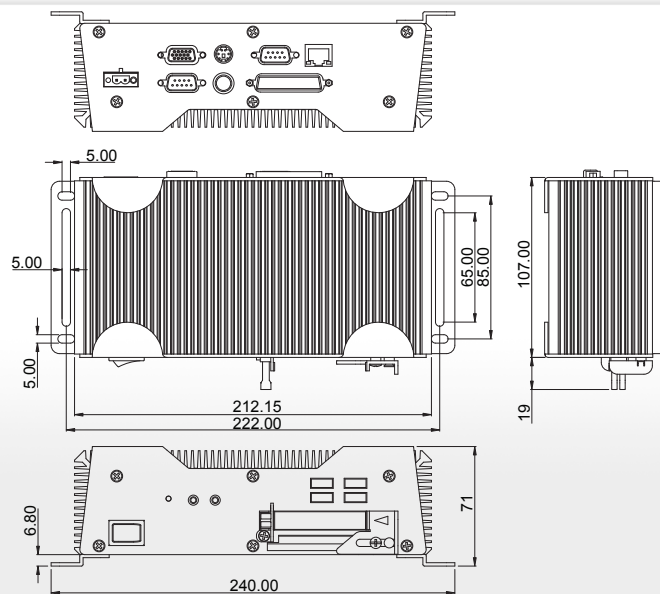
Specifications

System	
CPU	Intel Pentium M / Celeron M Processor
System Memory	DDR SDRAM DIMM x 1, Max. 1 GB
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	2.5" Slim HDD Module
Serial Port	RS-232 x 3 ,RS-232/422/485 x 1
Audio	Mic In / Line In / Line Out , by extension cable
USB	USB 2.0 port x 4
Parallel Port	Print 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(Standard) Input voltage : 9V DC ~ 30V DC Output voltage : +5V@6A 2.AC Input -- External Power Adaptor (Optional) Output rating : 36W Input voltage : 100V AC ~ 240V AC @ 50 ~ 60Hz
OS Support	Windows® CE .NET 4.2, Windows® XP Embedded, Windows® XP, Windows® 2000
Mechanical	
Construction	Rugged Aluminum Alloy chassis
Color	Dark Blue
Mounting	Wallmount (Default), Din Rail
Dimension	8.35" (W) x 2.53" (H) x 4.21" (D) (212 mm x 64.2 mm x 107 mm)
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) (Hard Disk Drive)
Operating Humidity	5 ~ 95%@40°C, non-condensing
Vibration	6g rms / 5 ~ 500Hz / random operation(CFD) 1g / 5 ~ 500Hz / random operation(Hard Disk Drive)
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 Hard Disk Drive Kit for AEC-68X0
- **9741681002**
AC Input Adaptor Kit for AEC-68X0
- **9741681003**
DIN Rail Kit for AEC-68X0
- **9741681004**
Ultra Cooling Kit
- **9741666643**
1.8g rms Vibration Protection Hard Disk Drive Kit for Vehicle (for AEC-68X0)
- **9681681000**
USB to Parallel Port Adaptor Kit
- **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)

7
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