

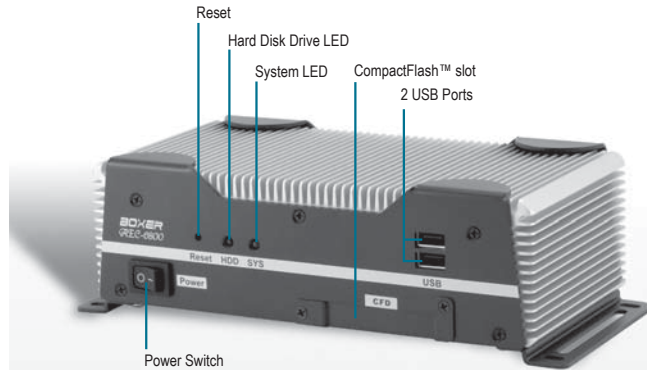
# AEC-6800

Computing Platform Service Partner

## Fanless Embedded Controller with AMD GX2, PC-104 Expansion and CAN Bus

### Features

- Low Cost & Compact
- Quick-Stack PC 104 Expansion Kit for Self Integration
- Optional CAN Bus Protocol Support for Vehicle & Medical Applications
- Wide Temperature Operating Design
- Excellent Anti-vibration and Anti-shock

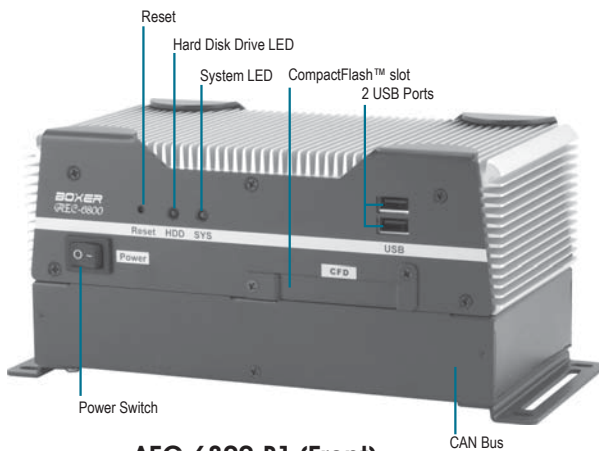


AEC-6800-A1 (Front)

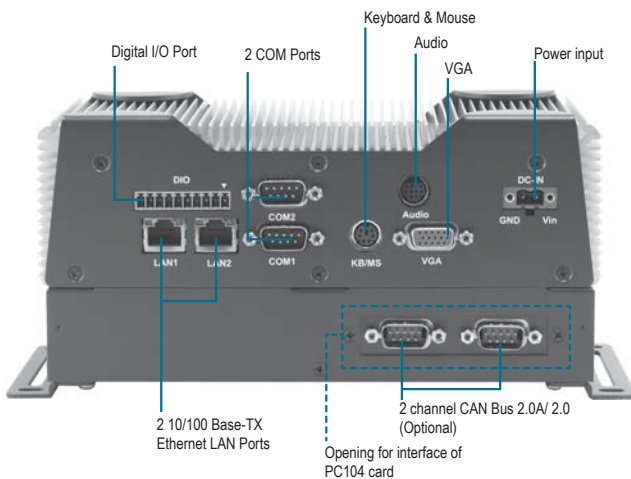


### Specifications

System	
Processor	AMD GX466 333MHz Processor
System Memory	DDR SDRAM DIMM x 1, Max. 512MB
Expansion	Optional PC 104; Mini PCI for customization
VGA/ Keyboard/ Mouse	DB-15 VGA Connector x 1, PS/2 Keyboard & Mouse
Ethernet	10/100Base-TX RJ-45 connector x 2
SSD	CompactFlash™ Socket x 1
Hard Disk Storage	Optional 2.5" Hard Disk Drive bay
Serial Port	RS-232 x 1, RS-232/422/485 x 1
Audio	Line-in/ Line-out/ MIC
USB	USB port x 2
Digital I/O	4DI/ 4DO; 8DI or 8DO
CAN Bus	Optional 2 channel CAN bus 2.0A/ 2.0B
System Control	Power switch x 1
LED Indicator	Power LED x 1, Hard Disk Drive LED x 1
Watchdog Timer	Generates a time-out system reset, setting via software
Power Requirement	DC 9V ~30V
OS Support	Windows® XP Embedded, Windows® XP, Windows® 2000
Mechanical	
Construction	Rugged Aluminum Alloy chassis
Color	Blue
Mounting	Wallmount; DIN rail
Dimension	A1: 8.35" x 2.53" x 4.2" (212.15mm x 64.2mm x 107mm) B1: 8.35" x 4.2" x 4.2" (212.15mm x 107mm x 107mm)
Carton Dimension	12"(W) x 7.87"(H) x 9.4"(D) (305mm x 200mm x 240mm)
Net Weight	4.75 lb (2.16 Kg)
Environmental	
Operating Temperature	32°F ~ 149°F (0°C ~ 65°C)
Storage Temperature	-4°F ~ 176°F (-20°C ~ 80°C)-- (CFD) -4°F ~ 140°F (-20°C ~ 60°C)-- (Hard Disk Drive)
Operating Humidity	5% ~ 95% @ 40°C, non-condensing
Vibration	5 grms/ 5 ~ 500Hz/ random operation (Without HDD Module) 1 g/ 5 ~ 500Hz/ random operation (With HDD Module)
Shock	100g peak acceleration (11 msec. duration)
EMC	CE/ FCC class A



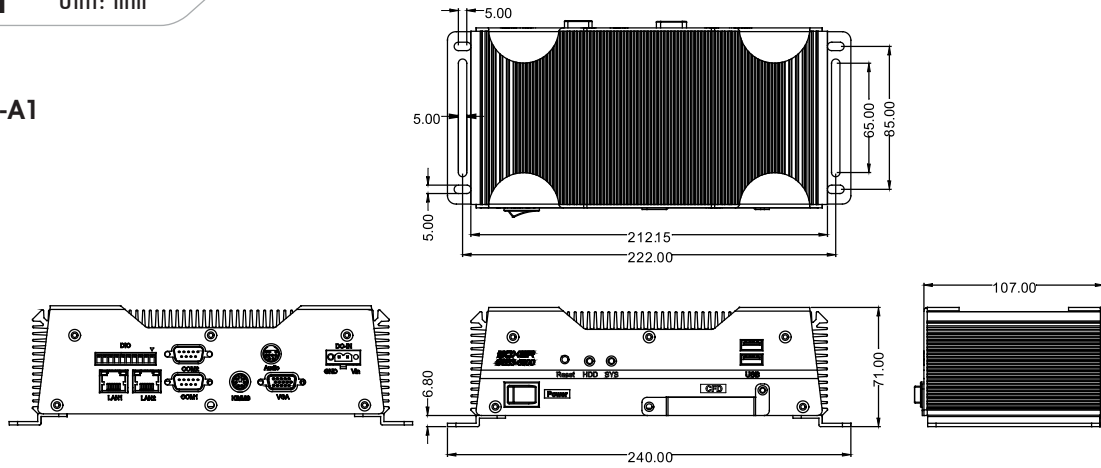
AEC-6800-B1 (Front)



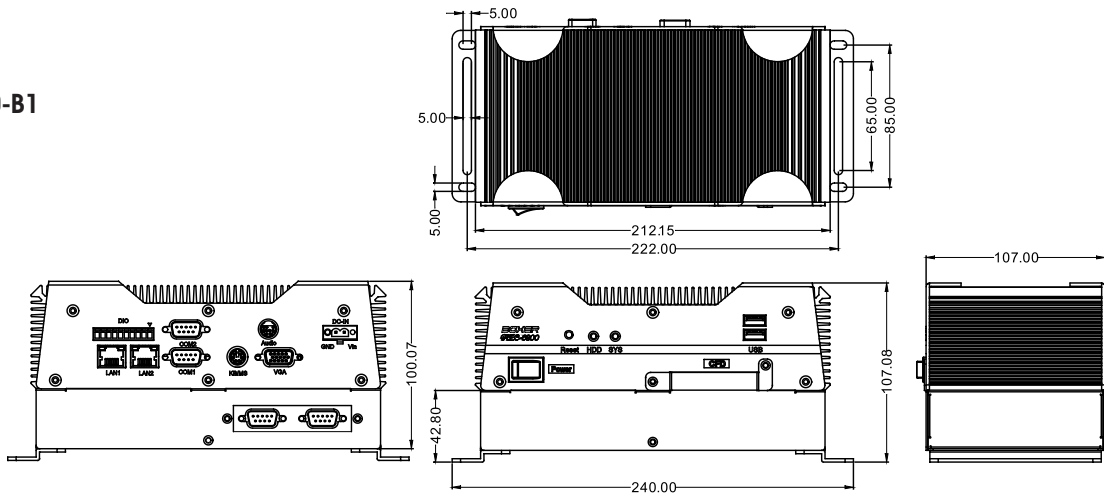
AEC-6800-B1 (Rear)

**Dimension** Unit: mm

**AEC-6800-A1**



**AEC-6800-B1**



**Ordering Information**

- **TF-AEC-6800-A1**  
Fanless Embedded Controller with AMD GX466 333MHz CPU, DC9-30V
- **TF-AEC-6800-B1**  
Fanless Embedded Controller with AMD GX466 333MHz CPU, 2 CAN Bus Ports, DC9-30V

**Optional Accessories**

- DDR SD RAM: 128MB/256MB/512MB
- CFD: 128MB/256MB/512MB/1GB
- Power Adapter (36W, AC 100~240V Input)
- Hard Disk Drive Kit for AEC-6800-A1
- Hard Disk Drive Kit for AEC-6800-B1
- DIN Rail Kit
- Smart I/O LCM Kit
- WLAN Kit (with Antenna)
- Industrial Grade CompactFlash™
- Wide Temperature CompactFlash™
- Wide Temperature High Speed CompactFlash™
- Wide Temperature 2.5" Hard Disk Drive