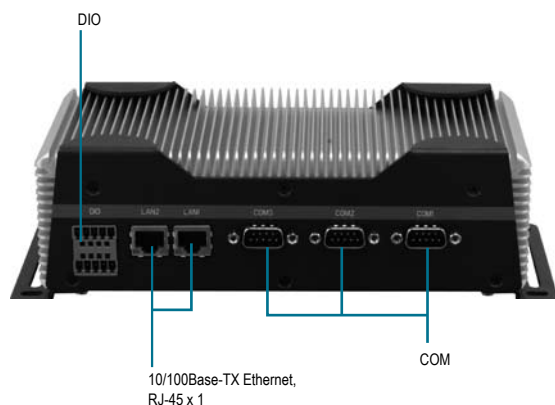
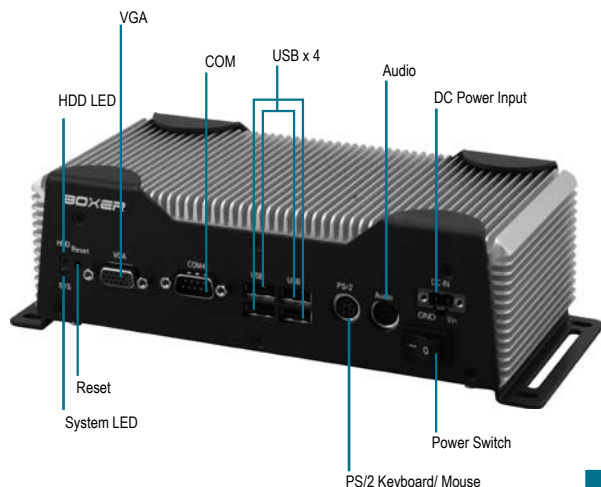




### Features

- Fanless
- Wide Power Input Range
- COM x 4
- Mini Size Outline
- Good for IPC Application
- AT Power Function

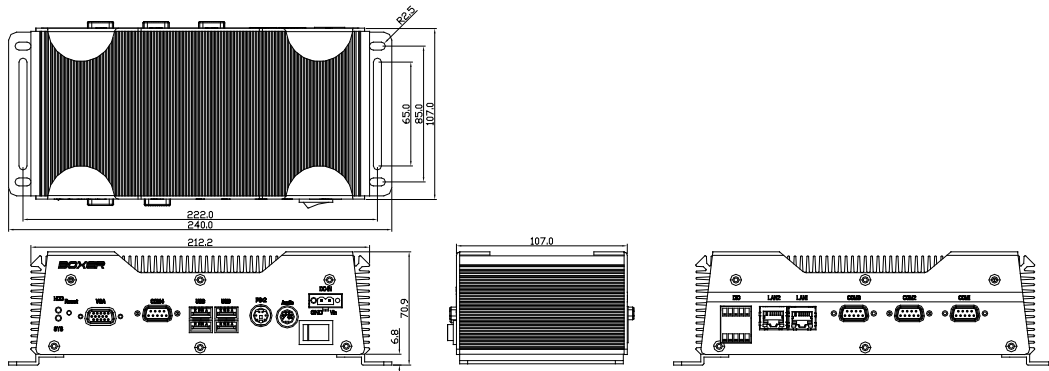


### Specifications

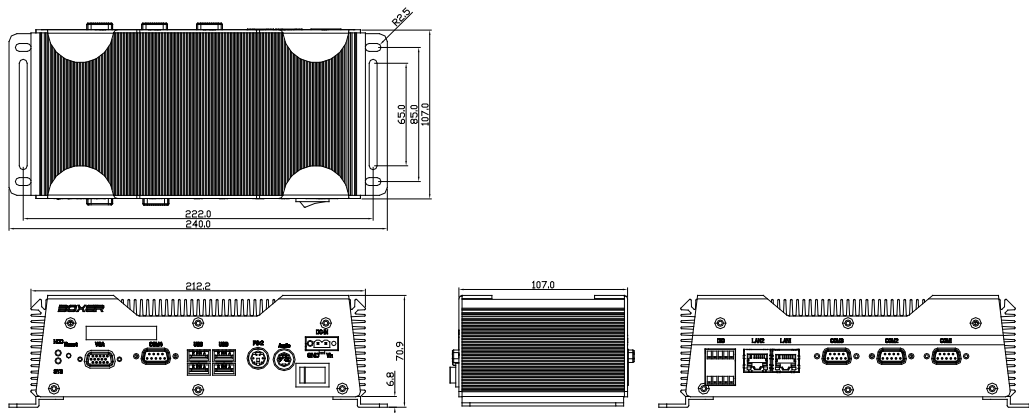
| System                |                                                                                                                          |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------|
| Processor             | AMD Geode™ LX800 500MHz CPU                                                                                              |
| Memory (Optional)     | DDR RAM SODIMM X 1, Installed 512MB (DDR 400)                                                                            |
| Expansion             | Mini PCI                                                                                                                 |
| VGA/ Keyboard/ Mouse  | VGA x 1, PS2 x 1                                                                                                         |
| Ethernet              | 10/100Base-TX, RJ-45 x 2                                                                                                 |
| SSD                   | Type II CompactFlash™ x 1 (only B version)                                                                               |
| Hard Disk Storage     | SATA/ IDE HDD on the bottom side                                                                                         |
| COM                   | COM 1/3/4: RS-232, COM2: RS-232/422/485                                                                                  |
| Audio                 | Audio x 1                                                                                                                |
| USB                   | USB2.0 x 4                                                                                                               |
| 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)<br>Input voltage: 9V DC ~ 30V DC                                                     |
|                       | 2. AC Input                                                                                                              |
|                       | External Power Adapter (Optional)<br>Input voltage: 100V AC ~ 240V AC @ 50 ~ 60Hz<br>Output rating: 36W (+12V@3A)        |
| Power Consumption     | AMD LX800, 0.4A@DC 30V                                                                                                   |
| MTBF (Hours)          | 60,000                                                                                                                   |
| OS Support            | Windows® XP, XP embedded, WinCE, Linux                                                                                   |
| Mechanical            |                                                                                                                          |
| Construction          | Rugged Aluminum Alloy chassis                                                                                            |
| Color                 | Dark Blue                                                                                                                |
| Mounting              | Wallmount                                                                                                                |
| Dimension             | 9.5" (W) x 2.5" (H) x 4.2" (D) (240 mm x 64 mm x 107mm)                                                                  |
| Carton Dimension      | 12" (W) x 7.87" (H) x 9.45" (D) (305mm x 200mm x 240mm)                                                                  |
| Net Weight            | 3.78 lb (1.71 kg)                                                                                                        |
| Environmental         |                                                                                                                          |
| Operating Temperature | 23°F ~ 131°F ( -5°C ~ 55°C) (w/WT CompactFlash™)<br>32°F ~ 122°F ( 0°C ~ 50°C) (w/WT Hard Disk Drive)                    |
| Storage Temperature   | 5~95%@40°C, non-condensing                                                                                               |
| Vibration             | 5g rms/ 5 ~ 500Hz/ operation (CompactFlash™)<br>1g rms/ 5 ~ 500Hz/ operation (Hard Disk Drive)                           |
| Shock                 | 50G peak acceleration (11 msec. duration) (CompactFlash™)<br>20G peak acceleration (11 msec. duration) (Hard Disk Drive) |
| EMC                   | CE/ FCC class A                                                                                                          |

# AEC-6811

## Dimension Unit: mm



**AEC-6811A1**



**AEC-6811B1**

## Ordering Information

- **TF-AEC-6811-A1-1010**  
Embedded Controller, AMD LX800 500MHz, 1 Mini-PC, DC 9-30, .512MB RAM, 8 DIO, 2 LAN, 4 COM, w/SATA
- **TF-AEC-6811-B1-1010**  
Embedded Controller, AMD LX800 500MHz, 1 Mini-PCI, DC 9-30V, 512MB RAM, 8 DIO, 2 LAN, 4 COM, w/IDE, CompactFlash™

## Optional Accessories

- **9741681002**  
AC Input Adapter Kit, Input: AC 90~264V, Input: DC 12V@3A, 36W
- **1702031802**  
Power Cord, 1.8M (US Type)
- **1702031803**  
Power Cord, 1.8M (European Type)
- **170203180E**  
Power Cord, 1.8M (Japanese Type)