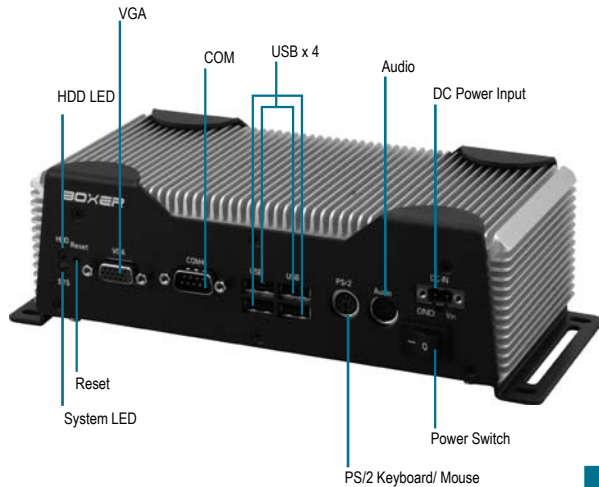


AEC-6811

Fanless Embedded Controller with AMD Geode™ LX800

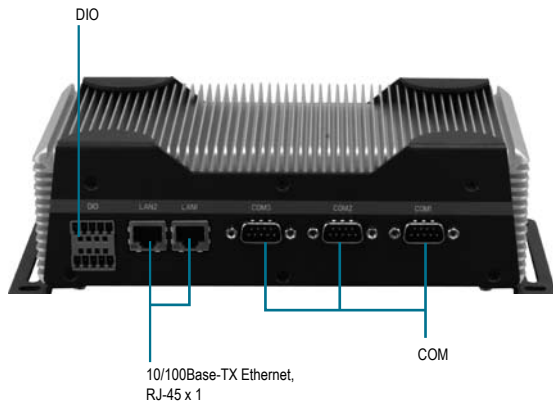
06

BOXER Series - Fanless Embedded Controller Solutions



Features

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

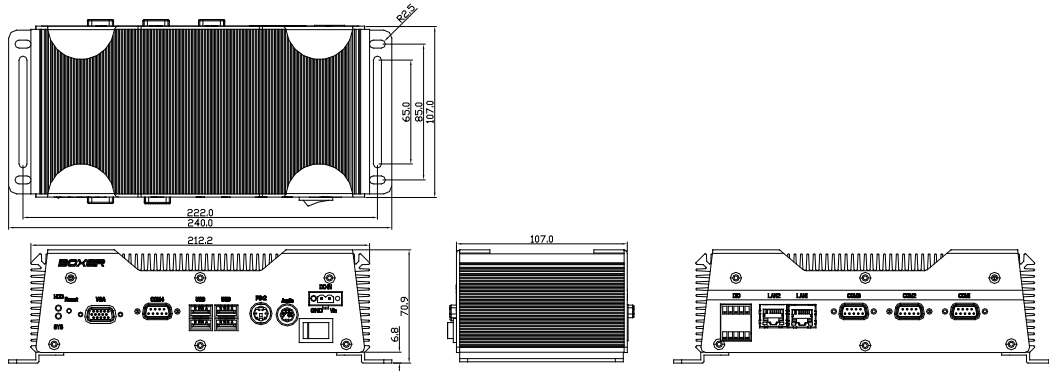


Specifications

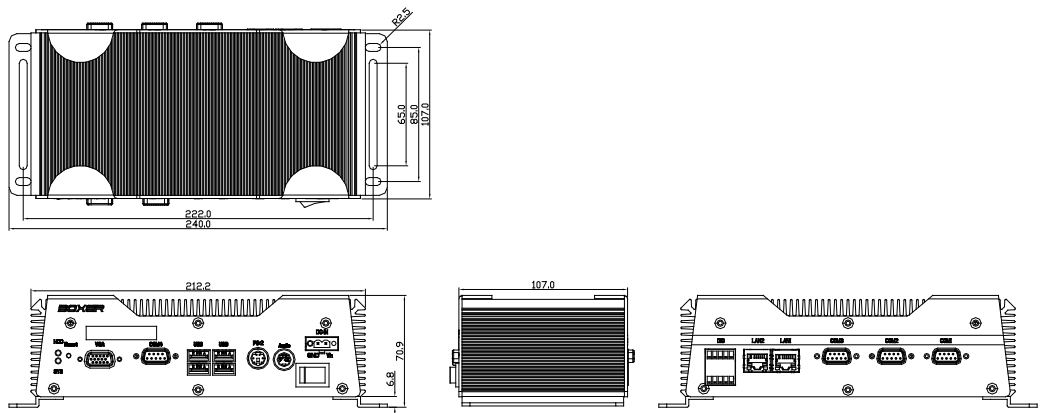
| System | | |
|-----------------------|--|---|
| Processor | AMD Geode™ LX800 500MHz CPU | |
| Memory (Optional) | DDR RAM SODIMM X 1, Installed 512MB (DDR 400) | |
| Expansion | Mini PCI | |
| VGA/ Keyboard/ Mouse | VGA x 1, PS2 x 1 | |
| Ethernet | 10/100Base-TX, RJ-45 x 2 | |
| SSD | Type II CompactFlash™ 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) Input voltage: 9V DC ~ 30V DC |
| | 2. AC Input | External Power Adapter (Optional) Input voltage: 100V AC ~ 240V AC @ 50 ~ 60Hz 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™) 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™) 1g rms/ 5 ~ 500Hz/ operation (Hard Disk Drive) | |
| Shock | 50G peak acceleration (11 msec. duration) (CompactFlash™) 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)