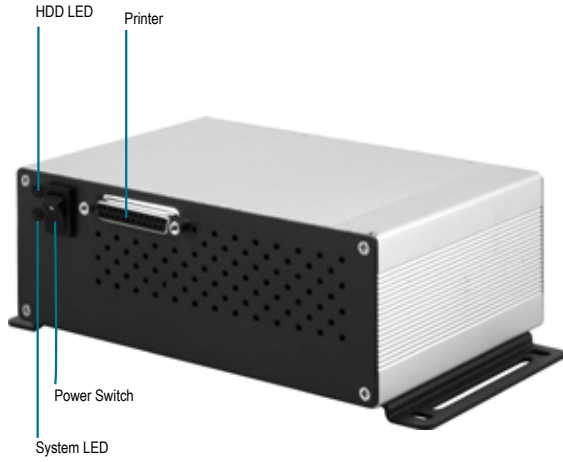


AEC-6420

Compact Embedded Controller with Intel® Atom™ Low Power Processor

06

BOXER LITE Series - Fanless Embedded Controller Solutions

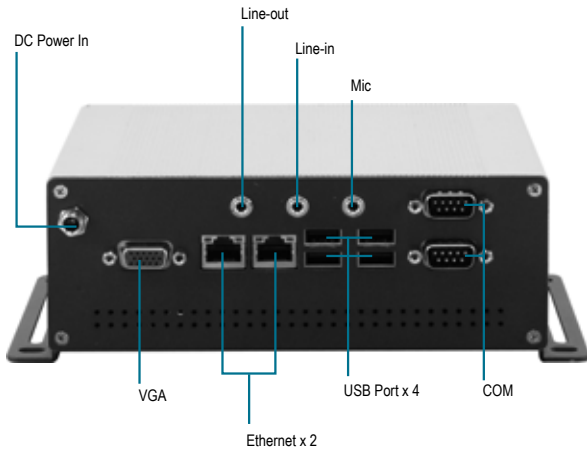


Features

- Intel® Atom™ Processor
- COM x 2, USB2.0 x 4
- Gigabit Ethernet x 2
- Parallel x 1
- VGA Output
- AT Power Mode



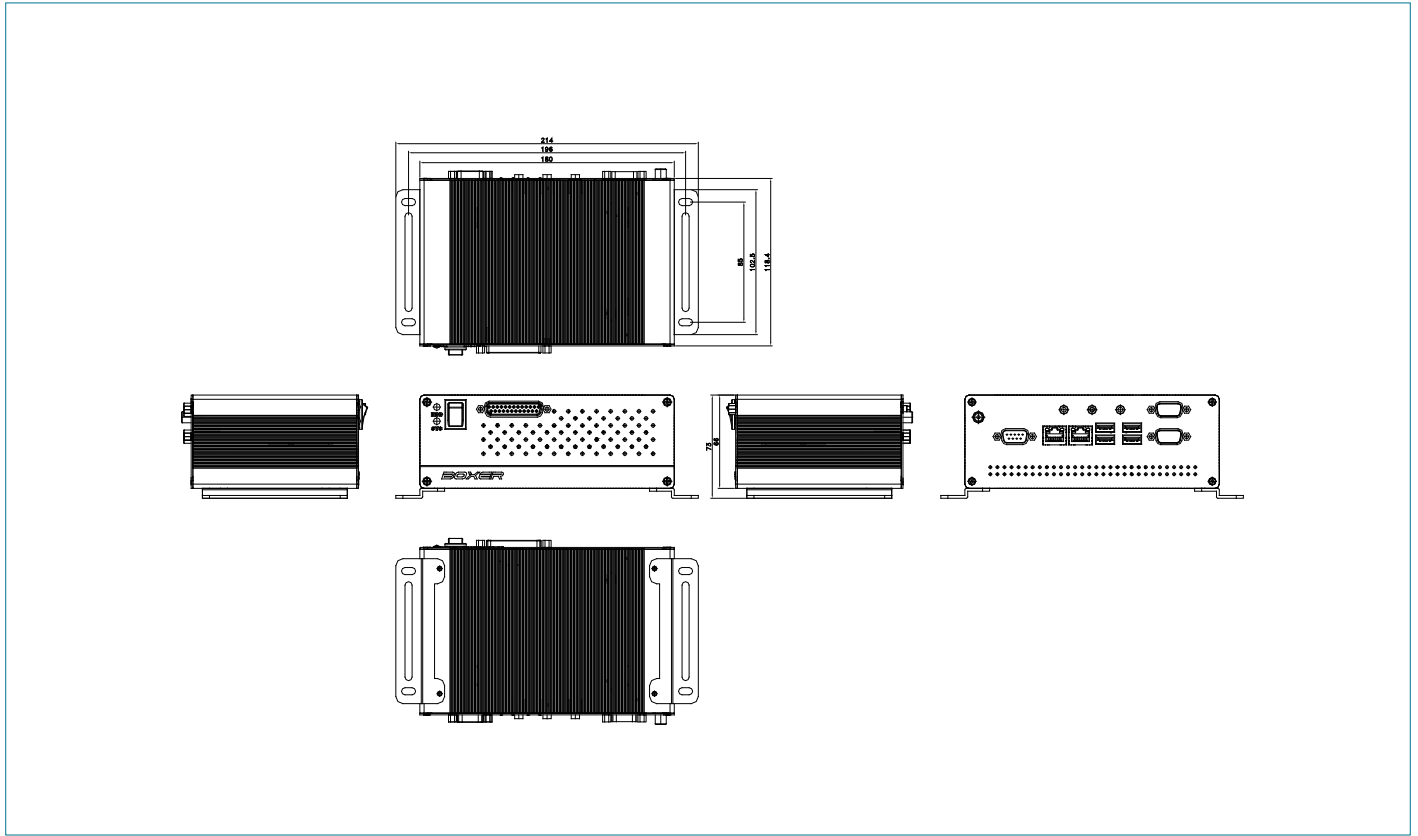
Specifications



System	
Processor	Intel® Atom™ N270 Processor
System Memory	SODIMM DDRII 400/533 x 1, Max. 2GB
VGA/ Keyboard/ Mouse	DB-15 VGA x 1, Keyboard & Mouse by USB x 1
Ethernet	Gigabit Ethernet, RJ-45 x 2
SSD	CompactFlash Socket x 1 (Internal)
Hard Disk Storage	IDE, SATA HDD kit is option
Serial Port	COM x 2
Audio	Line-in x 1, Line-out x 1, Mic-in x 1
USB	USB2.0 x 4
System Control	Power switch x 1
LED Indicator	Power LED x 1, HDD LED x 1
Watchdog Timer	Generates a Time-out System Reset, setting via Software
Power Supply	1. AT Power function 2. DC Input 8.5~19V Optional AC power adapter, input voltage range: 100~240 V
Power Consumption	Intel® Atom™ N270, 1.05A @DC 19V
MTBF (Hours)	50,000
OS Support	Windows® XP Pro, Windows® XP Embedded, Fedora
Mechanical	
Construction	Rugged Aluminum Alloy Chassis
Color	Navy Blue
Mounting	Wallmount
Dimension	7.1"(W) x 2.6"(H) 4.7"(D) (180mm x 119mm x 66mm)
Carton Dimension	13.2"(W) x 11.6"(H) x 10.2"(D) (336mm x 294mm x 260mm)
Net Weight	2.5 lb (1.14 Kg)
Environmental	
Operating Temperature	32°F ~ 113°F (0°C ~ 45°C)
Storage Humidity	5 ~ 95% @ 40°C, non-condensing
Vibration	3g rms / 5 ~ 500Hz / operation – CFD or SSD
Shock	50g peak acceleration (11 msec. duration) – CFD or SSD
EMC	CE/ FCC Class A

AEC-6420

Dimension Unit: mm



Ordering Information

- **TF-AEC-6420-A1-1010**
Embed Controller, Intel® Atom™ 1.6GHz, Fanless, DC 8.5~19V, 512MB RAM, Dual LAN, LPT, VGA, 2 COM, 4 USB, VGA

Optional Accessories

- **1757306001**
Power Adapter, AC 100/240V, DC 12V/5A Output, 60W, with Lock
- **9741641001**
SATA/IDE HDD Kit for AEC-6410/6420
- **1702031802**
Power Cord (US type)
- **1702031803**
Power Cord (Europe type)
- **170203180E**
Power Cord (Japan type)