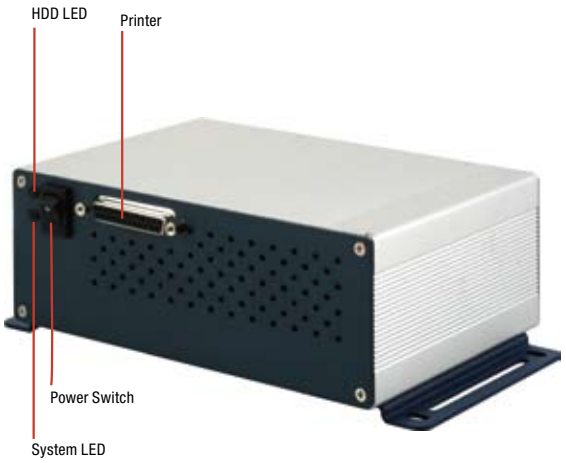
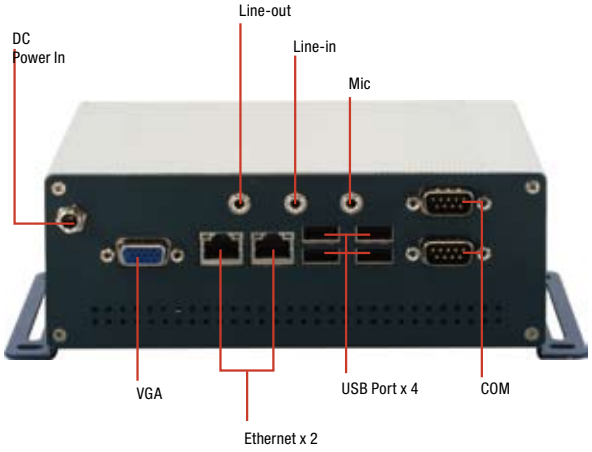
AEC-6420

Compact Embedded Controller With Intel® Atom™ Low Power Processor





Features

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

CE FC

Specifications

CPU		Intel® Atom™ N270 processor, 1.6 GHz
Chipset		Intel® 945GSE + ICH7M
System Memory		DDR2 SDRAM SODIMM x 1, Max. 2 GB
Display Interface	VGA	DB-15 x 1, shared system memory up to 224MB/ DVMT 3.0
	DVI	—
	Others	—
Storage Device	SSD	—
	HDD	2.5" SATA 1.5Gb/s /IDE Slim Hard Disk Drive bay x 1 (optional)
Network	LAN	Gigabit Ethernet, RJ-45 x 2
	Wireless	—
Front I/O	USB Port	—
	LAN	—
	Serial Port	—
	DIO	—
	Audio	—
	KB/MS	—
	Others	Power Switch x 1, Print Port x 1
Rear I/O	USB Port	USB2.0 x 4
	LAN	RJ-45 x 2
	Serial Port	RS-232 x 1, RS-232/422/485 x 1
	DIO	—
	Audio	Line-in/Line-out/Mic-in x 1
	KB/MS	—
	Others	VGA x 1, Power inlet x 1
Expansion	PCIe [x1]	—
	PCI	—
	Mini Card	—
	Mini PCI	—
	Others	—
Indicator	Front	Power LED x 1, Hard Disk Drive LED x 1
	Rear	—
Power Requirement		DC Input 8.5~19V
Power Consumption		Intel® Atom™ N270, 1.05A @DC 19V
System Cooling		Passive Cooling
Mounting		Wallmount
Operating Temperature		Ambient with Airflow 32°F ~ 122°F (0°C ~ 50°C) No Airflow 32°F ~ 113°F (0°C ~ 45°C)
Storage Temperature		-4°F ~ 158°F (-20°C ~ 70°C)
Anti-Vibration		3 g rms / 5 ~ 500Hz / operation – CompactFlash™ or SSD
Anti-Shock		50 G peak acceleration (11 msec. duration) – CompactFlash™ or SSD
MTBF		50,000
Certification	EMC	CE /FCC Class A
	Safety	—
Dimension (W x H x D)		7.1"(W) x 2.6"(H) 4.7"(D) (180mm x 119mm x 66mm)

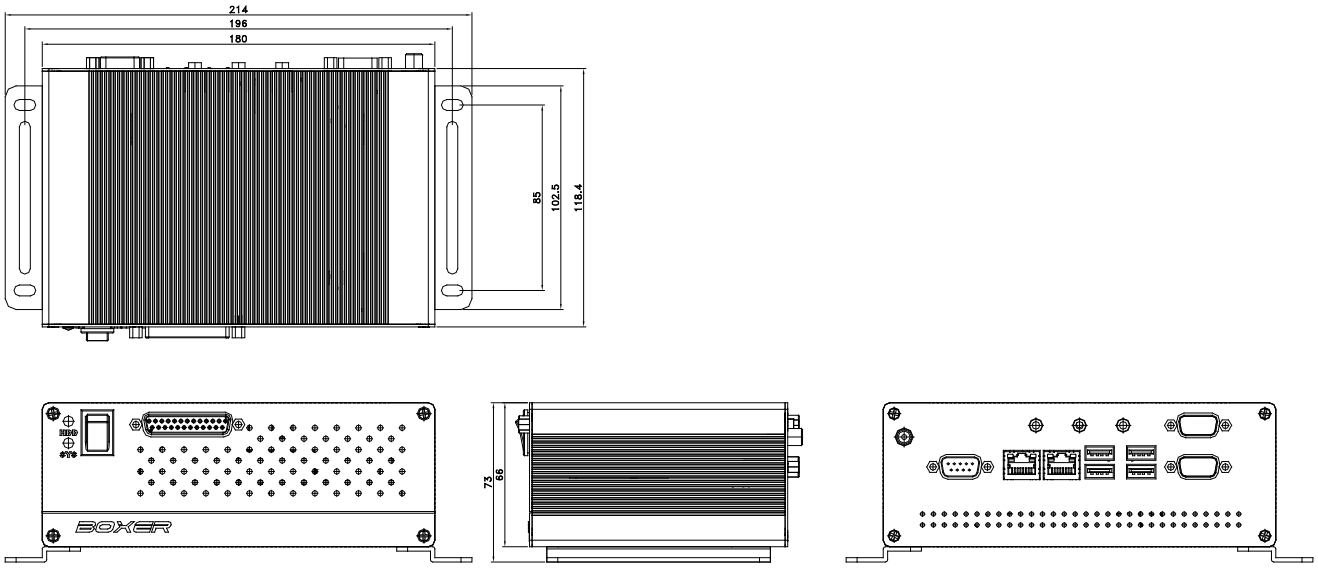
AAEON® an ASUS assoc. co.

Note: All specifications are subject to change without notice.

AEC-6420

Dimension

Unit: mm



Gross Weight	6.16 lb (2.8 Kg)
Note	Windows® XP Embedded, Windows® XP Pro, Windows® CE .net, Windows® Vista

Ordering Information

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

Optional Accessories

- **1757306004**
  Power Adapter, AC 100/240V, DC 12V/5A Output, 60W, with Lock
- **9741642003**
  SATA HDD ASS'Y Kit, for AEC-6420-A1
- **1702031802**
  Power Cord (US Type)
- **1702031803**
  Power Cord (European Type)
- **170203180E**
  Power Cord (Japanese Type)