

EPC-6200

Programmable Embedded Controller with Intel® Atom™ N270 Platform



Features

- **Fanless Design**
- ETX CPU Module for Scalable and Time-efficient Customization
- 512KB SRAM Built-in for Critical Data Backup
- Rich I/O on the Panels with 2 PC/104-Plus Expansion Slots
- Support Wide Range DC Power Input (12 ~ 30V)
- Support DIN Rail & Wall Mounting
- Rugged Design for Shock/Vibration Protection
- Easy Installation/Maintenance
- Intel® SSD Compatible

System

CPU Soldered onboard Intel® Atom™ N270 1.6GHz processor

1 x 200-pin DDR2 SO-DIMM Socket supporting 400/533MHz up to 2GB

Memory

Default 1GB DDR2 SO-DIMM installed

1 x 512KB SRAM built-in for emergent data backup

Chipset

Intel® 945GSE + ICH7M

Graphics

Integrated Intel® GMA950 GFx Core in 945GSE GMCH

ATA

2 x Serial ATA ports at 150MB/s HDD transfer rate

LAN Chipset

1 x Realtek RTL8103EL 10/100 Base-T Ethernet controller

1 x Realtek 8110SCL Gigabit Ethernet controller

Watchdog Timer

1~255 levels reset

I/O

Serial Port

1 x DB-44 female connector support:
2 x RS-232 ports
2 x RS-232/422/485 selectable ports

USB Port

4 x USB 2.0 ports

LAN

2 x RJ-45 ports support:
1 x 10/100 Base-T Ethernet
1 x Gigabit Ethernet

Video Port

1 x DB-15 female connector for Analog RGB

Digital I/O

1 x 16-bit Digital I/O, 8 in/8 out

Audio

Mic-in/Line-out

Expansion Bus

2 x PC/104-Plus slots

Environmental

Operating Temp. -20 ~ 70°C (-4 ~ 158°F), ambient w/ air flow

Storage Temp. -40 ~ 80°C (-40 ~ 176°F)

Relative Humidity 10 ~ 95% @ 40°C (non-condensing)

Vibration 3 Grms/5~500Hz/random operation

Operating 20G (11ms), Non-operating 60G with HDD

Shock & Crash

Operating 40G (11ms), Non-operating 80G with CF/SSD

Crash 100G (11ms)

Qualification

Certification

CE, FCC

Power Requirement

Power Input

DC 12 ~ 30V input (w/ 1 x 3-pin DC input terminal block)

Power Consumption 21W (1.1A/19V)

Storage

Type

1 x 2.5" drive bay for HDD/SSD

1 x CompactFlash Type II Socket which is outside accessible

Mechanical

Construction

Heavy-duty steel housing + Aluminum heatsink

Mounting

Wall-mount/Din rail mounting

Weight

1.7 kg (3.74 lb) (Bare-bone)

Dimensions (W x D x H)

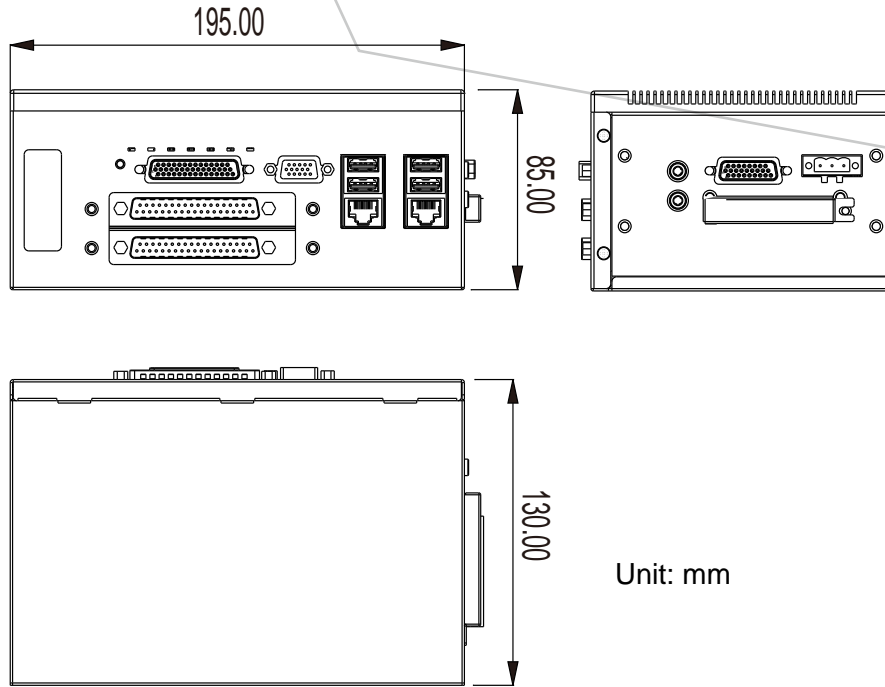
130 x 195 x 85 mm (5.12" x 7.68" x 3.35")

Ordering Information

EPC-6200

Barebone system with Atom™ N270 CPU 1GB DRAM

Dimensions



Optional Accessories

PAC-B120W-FSP
120W AC/DC adapter kit



Power Input	100 ~ 240 VAC
Power Output	19VDC, 6.32A, 120W

WMK-6X00
Wall-mount kit



Material	SECC
Dimensions (W x D x H)	20 x 55 x 1.6 mm (0.79" x 2.17" x 0.06")

CBL-6X00-COM
COM converter cable



External I/O	4 x COM Ports
Length	20 cm

Optional Configuration (CTOS* Kit)

SSD-25080
Intel® 2.5" 80GB SATAII SSD kit



Brand/Type	Intel / 2.5 inch
Interface	SATAII
Capacity	80GB
Dimensions (W x D x H)	100.45 x 69.85 x 9.5 mm (3.95" x 2.75" x 0.37")

*CTOS means Configure to Order Service.

