

# IPC910H

2-slot Fanless System with Socket M Intel® Core™2 Duo Processor up to 2.33 GHz, Intel® 945GME Chipset, PCIe and PCI Slots



▲ Rear view



IP30 Fanless

## Specifications

Standard Color	Silver
Construction	Aluminum extrusion heavy-duty cold-rolled steel, IP30
Processor System	CPU Level Socket M for Intel® Core™2 Duo/ Core™ Duo/Celeron® M processor up to 2.33 GHz
	Max. Speed 2.33 GHz
	Front Side Bus 533/677 MHz
	Chipset Intel® 945GME + ICH7M-DH
System Memory	2 x 200-pin DDR2 533/667 SO-DIMM socket, up to 4 GB
I/O Interface-Rear	3 x RS-232 (COM 2/3/4) 1 x RS-232/422/485 (COM 1) 1 x VGA 1 x PS/2 keyboard/mouse 2 x USB 2.0 2 x 10/100/1000Mbps Ethernet ATX power on/off switch 1 x 2-pin connector output for remote power on/off switch
I/O Interface-Front	4 x USB 2.0 HDD access/power LEDs

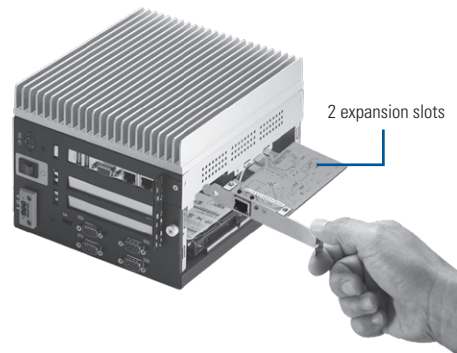
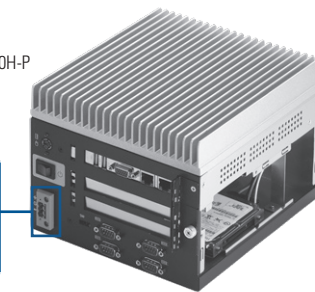
## Features

- Socket M for Intel® Core™2 Duo/ Core™ Duo/ Celeron® M processor up to 2.33 GHz
- Intel® 945GME+ICH7M-DH chipset
- Dual 10/100/1000 Ethernet ports
- 6 USB 2.0 and VGA ports
- 4 COM ports
- Supports PCIe & PCI expansion slots
- DC to DC power supply supports 18V to 28V

Phoenix plug for IPC910H-P



Din-jack for IPC910H-D



2 expansion slots

Expansion Interface	HAB100: 1 PCIe x1 & 1 PCIe x4 HAB103: 1 PCI & 1 PCIe x4
Drive Capacity	1 x 2.5 drive bay 1 x onboard CompactFlash Socket
Power Input	DC ATX 120W Input: 18 ~ 28VDC Output: +3.3 @ 5A, +5V @ 6A, +12V @ 5A, -12V @ 0.1A, +5VSB @ 2.5A AC-DC power adapter Input: 100 ~ 240VAC Output: +19V @ 4.74A
Operating Temperature	0° ~ +45°C (32°F ~ 113°F) (with W.T. HDD) (ambient with air flow, CPU loading 100%)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +170°F)
Humidity	10% ~ 90%, non-condensing
Dimensions	188 mm (7.4") x 241.2 mm (9.48") x 150.4 mm (5.9")
Weight (net/gross)	6 kg (13.22 lb)/6.2 kg (13.67 lb)
Certification	CE
OS Support Embedded	Windows® 2000, Windows® XP, Window® XP

## Ordering Information

### PCIe Version

IPC910H-P/HAB100 (P/N: E26G910100)	Socket M Intel® Core™2 Duo fanless system with PCIe slot and DC-in ATX 120W P/S
IPC910H-D/HAB100 (P/N: E26G910101)	Socket M Intel® Core™2 Duo fanless system with PCIe slot, DC-in ATX 120W P/S and AC-DC 90W power adapter and US power cord

### PCI+PCIe Version

IPC910H-P/HAB103 (P/N: E26G910102)	Socket M Intel® Core™2 Duo fanless system with PCI & PCIe slots and DC-in ATX 120W P/S
IPC910H-D/HAB103 (P/N: E26G910103)	Socket M Intel® Core™2 Duo fanless system with PCI & PCIe slots, DC-in ATX 120W P/S and AC-DC 90W power adapter and US power cord

\*Specifications and certifications are based on options and may vary.

## Power Protection

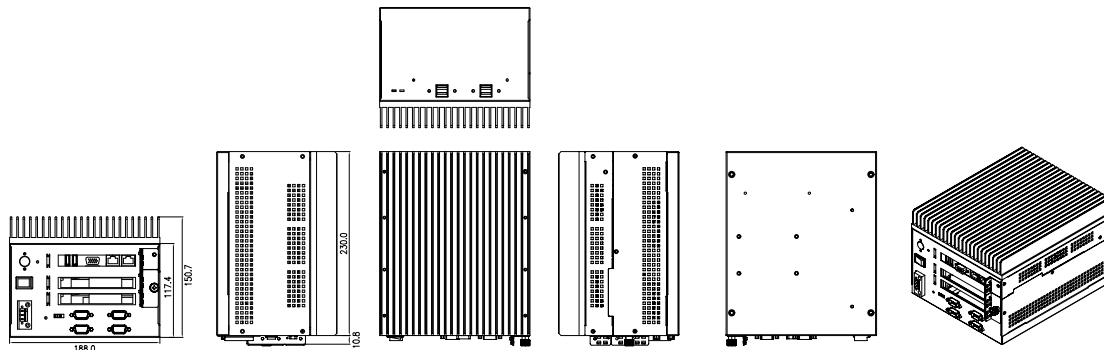
### AC Version

OVP (over voltage protection)  
OCP (over current protection)  
SCP (short circuit protection)

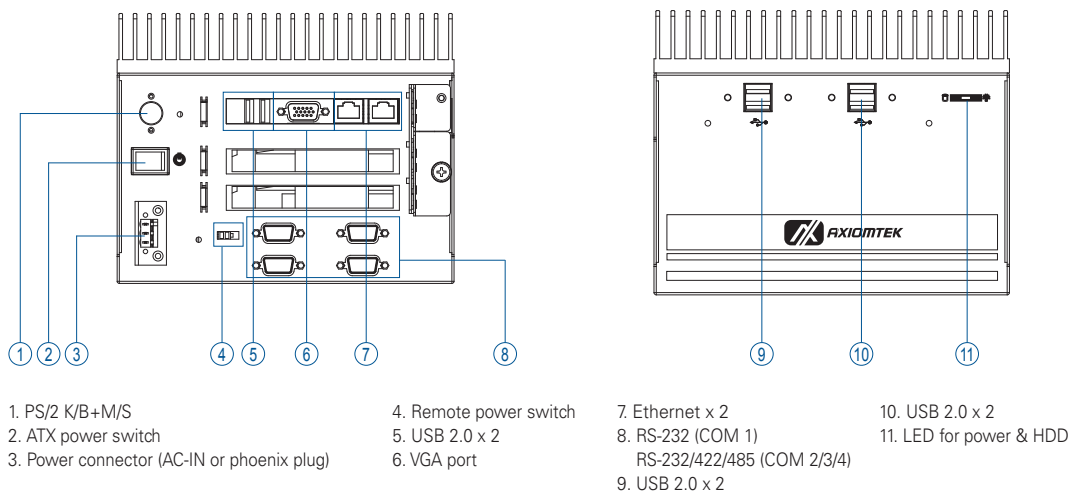
### DC Version

SCP (short circuit protection)  
OVP (over voltage protection)  
OLP (over load protection)

## Dimensions



## Front & Rear Metal Panel I/O Layout



## Optional Items

2.5" SATA HDD: 250 GB, 320 GB, 500 GB  
Intel® Core™2 Duo processor: T7400 (E9B0B0D050) 2.16 GHz  
Intel® Core™2 Duo processor: T2500 (E9B0C0D050) 2.0 GHz  
Intel® Celeron® M processor: Celeron M 410 1.46 GHz  
Intel® Celeron® M processor: Celeron M 440 1.86 GHz  
DDR2 SODIMM: 1 GB, 2 GB  
CompactFlash : 2 GB, 4 GB, 8 GB  
Embedded OS: XPE SP2 OS Image and License

## Packing List

DIN 6P-6P PS/2 K/B+Mouse (RC) x 1  
TB HD-515 3P (F) 180D P=5.08 green RC x 1 (for IPC910H-P)  
External power switch cable  
19V 90W adapter and US power cord (for IPC910H-D)  
Driver CD  
Quick manual  
Wall mount bracket x 2  
Foot pad x 4  
Screw pack x 1

Overview

Embedded Systems

Embedded Systems for Transportation

Embedded Field Controllers

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Backplanes

Power Supplies

Peripherals & Accessories

Appendix