

IPC912-211-FL

2-slot Fanless System with Socket P (478-pin) Intel® Core™2 Duo Processor up to 2.53 GHz, Intel® GM45 Chipset, PCIe & PCI Slots



Front view



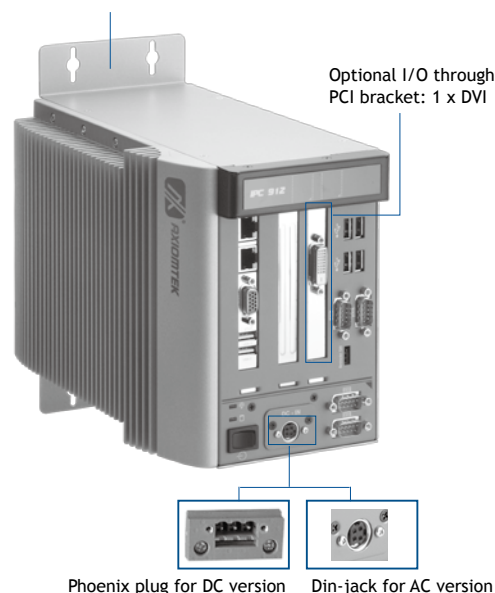
Rear view

Features



- Socket P (478-pin) for Intel® Core™2 Duo/ Celeron® M processor up to 2.53 GHz
- Fanless operation
- Intel® GM45+ICH9M chipset
- Supports 2-slot expansion slots
- One 2.5" SATA HDD Drive Bay
- DC to DC power supply supports 10V ~ 30V
- Compact & front I/O design

Wall mount bracket supported



Phoenix plug for DC version

Din-jack for AC version

Specifications

Standard Color	Sliver	Expansion Interface	HAB100: 1 PCIe x1 & 1 PCIe x4 or 2 PCIe x1 HAB103: 1 PCI & 1 PClex4 HAB102: 1 PCIe x4 & 1 PCI-X	
Construction	Aluminum extrusion heavy-duty cold-rolled steel, IP30	Storage	1 x 2.5" SATA HDD 1 x onboard CompactFlash™ socket	
System Board	SHB211VGGA	System Indicators	1x Power on/off, 1 x HDD	
Processor System	CPU Level	Socket P (478-pin) for Intel® Core™2 Duo/ Celeron® M processor with 667/800/1066 MHz	Power Supply	DC ATX 150W: Input : 10 ~ 30V _{DC} Output: +5V @ 11A, +3.3V @ 5A, +12V @ 9A, -12V @ -150mA, 5Vsb @ 2A AC-DC power adapter: Input: 90 ~ 240V _{AC} Output: 19V @ 7.89A
	Max. Speed	2.53 GHz	Operating Temperature	0° C ~ +45° C (32° F ~ 104° F) (with W.T. HDD)
	Front Side Bus	667/800/1066 MHz	Storage Temperature	-20° C ~ +80° C (-4° F ~ +113° F) (with W.T. HDD)
	Chipset	Intel® GM45 + ICH9M	Humidity	10% ~ 90%, non-condensing
System Memory	2 x 204-pin DDR3 800/1066 SO-DIMM socket, up to 8 GB	Dimensions	142 mm (5.6") (W) x 248 mm (9.8") (D) x 185 mm (7.3") (H)	
I/O Interface (Front)	ATX power on/off switch	Weight (net/gross)	4.22kg (9.28 lb) / 5.31kg (11.68 lb)	
	1 x 2-pin connector output for remote on/off switch	Certification	CE	
	6 x USB 2.0			
	3 x RS-232 (COM2/3/4)			
	1 x RS-232/422/485 (COM1)			
	2 x 10/100/1000Mbps Ethernet			
	1 x VGA			

Ordering Information

PCIe Version

IPC912-211-FL-HAB100-DC (P/N: E26G912100)	2-slot fanless system with socket p Intel® Core™2 Duo, PCIe slots, DC-in ATX 150W P/S
IPC912-211-FL-HAB100-AC (P/N: E26G912101)	2-slot fanless system with socket p Intel® Core™2 Duo, PCIe slots, DC-in ATX 150W P/S and AC-DC 150W power adaptor

PCI +PCIe Version

IPC912-211-FL-HAB103-DC (P/N: E26G912102)	2-slot fanless system with socket p Intel® Core™2 Duo, PCI & PCIe slots, DC-in ATX 150W P/S
IPC912-211-FL-HAB103-AC (P/N: E26G912103)	2-slot fanless system with socket p Intel® Core™2 Duo, PCI & PCIe slots, DC-in ATX 150W P/S and AC-DC 150W power adaptor

PCIe + PCI-X Version

IPC912-211-FL-HAB102-DC (P/N: E26G912104)	2-slot fanless system with socket p Intel® Core™2 Duo, PCIe & PCI-X slots, DC-in ATX 150W P/S
IPC912-211-FL-HAB102-AC (P/N: E26G912105)	2-slot fanless system with socket p Intel® Core™2 Duo, PCIe & PCI-X slots, DC-in ATX 150W P/S and AC-DC 150W power adaptor

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

Power Protection

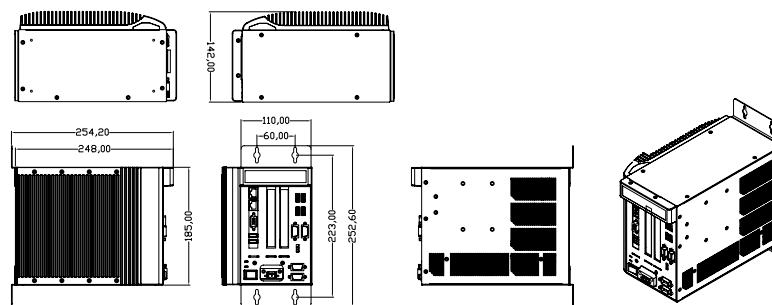
AC Version

OVP (over voltage protection)	OTP (over temperature protection)
OPP (over power protection)	SCP (short circuit protection)

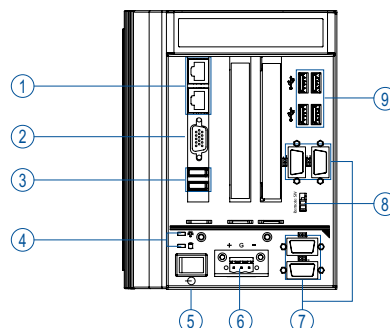
DC Version

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

Dimensions



Front Metal Panel I/O Layout



Optional Items

2.5" SATA HDD: 120 GB, 160 GB, 200 GB, 250 GB
AX93221-24/48: DVI card
40P-40P LVDS cable
DVI bracket for AX93221
Intel® Core™2 Duo processor: T9400 (2.53 GHz)
Intel® Core™ Duo processor: T9300 (2.5 GHz)
Intel® Core™ Duo processor: T7500 (2.2 GHz)
Intel® Celeron® processor 575 (2 GHz)
DDR3 SODIMM: 512 MB, 1 GB, 2 GB
CompactFlash™: 1 GB, 2 GB, 4 GB, 8 GB
Embedded OS: XPE SP3 OS Image and License

Packing list

19V 150W adapter (for IPC912 AC version)
Driver CD
Quick manual
Wall mount bracket x 2
Foot pad x 4
HDD bracket x 1
Screw pack x 1

Overview

Embedded Systems

Embedded Systems for Transportation

Embedded Field Controllers

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Industrial Workstations

Backplanes

Power Supplies

Peripherals & Accessories