

IPC912-211-FL-CAN

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 and CAN Bus Module



Front view

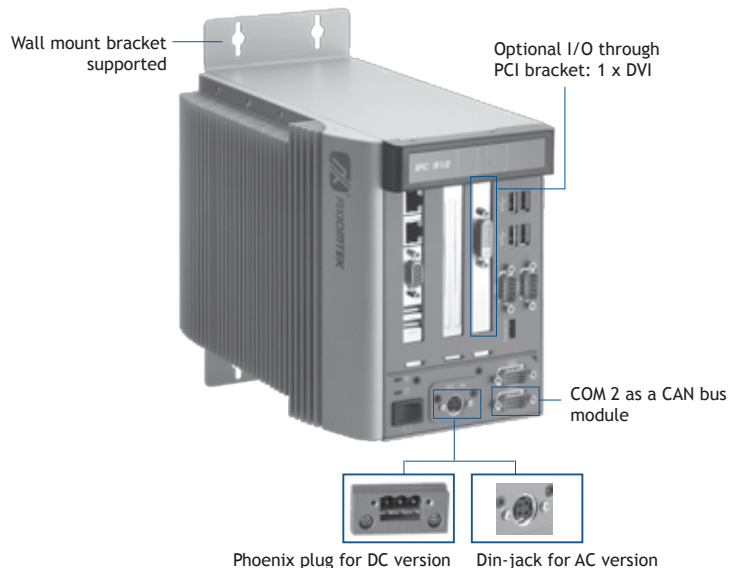


Rear view

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
- Supports CAN bus module



Specifications

Standard Color	Sliver	CAN Bus	Controller	STM32F105
Construction	Aluminum extrusion heavy-duty cold-rolled steel, IP30	Port Channel	1	
System Board	SHB211VGGA	Transceiver	ADM3053	
Processor	Socket P (478-pin) for Intel® Core™2 Duo/ Celeron® M processor with 667/800/1066 MHz	Connector	9-pin male D-Sub	
System	Max. Speed	2.53 GHz	Isolation	2.0K VDC
	Front Side Bus	667/800/1066 MHz	Support Protocol	CAN 2.0A/2.0B
	Chipset	Intel® GM45 + ICH9M	Baud Rate	up to 1 Mbps
System Memory	2 x 204-pin DDR3 800/1066 SO-DIMM socket, up to 8 GB	OS Driver Support	Windows® Server 2008; 2003/ Vista/2000/XP/7 and Linux OS	
I/O Interface (Front)	ATX power on/off switch 1 x 2-pin connector output for remote on/off switch 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	Storage	1 x 2.5" SATA HDD 1 x onboard CompactFlash™ socket	
Expansion Interface	HAB100: 1 PCIe x1 & 1 PCIe x4 or 2 PCIe x1 HAB103: 1 PCI & 1 PCIe x4 HAB102: 1 PCIe x4 & 1 PCI-X	System Indicators	1x Power on/off, 1 x HDD	
		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: 100 ~ 240V _{ac} Output: 19V @ 7.89A	
		Operating Temperature	0°C ~ +45°C (32°F ~ 104°F) (with W.T. HDD)	
		Storage Temperature	-20°C ~ +80°C (-4°F ~ +113°F) (with W.T. HDD)	
		Humidity	10% ~ 90%, non-condensing	
		Dimensions	142 mm (5.6") (W) x 248 mm (9.8") (D) x 185 mm (7.3") (H)	
		Weight (net/gross)	4.22kg (9.28 lb) / 5.31kg (11.68 lb)	
		Certification	CE	

Ordering Information

PCI +PCIe Version

IPC912-211-FL-CAN-DC (P/N: E26G912107)	2-slot fanless system with socket P Intel® Core™2 Duo, PCI & PCIe slots, DC-in ATX 150W P/S, CAN bus module
IPC912-211-FL-CAN-AC (P/N: E26G912108)	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 and US power cord, CAN bus module

*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)	

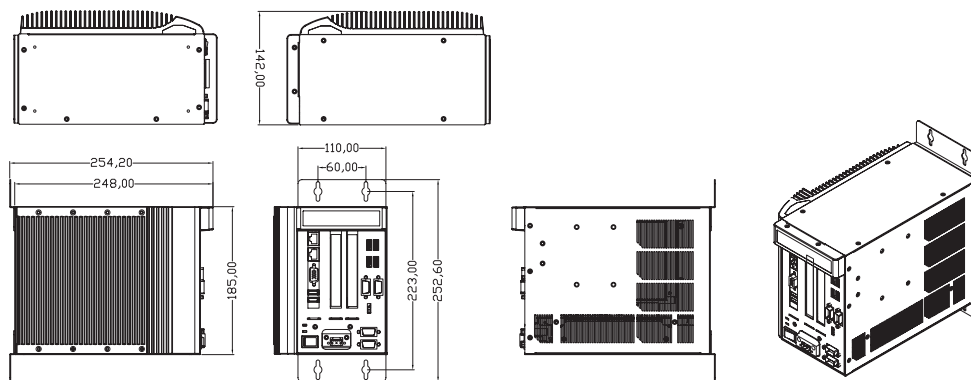
Optional Items

2.5" SATA HDD: 250 GB, 320 GB, 500 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

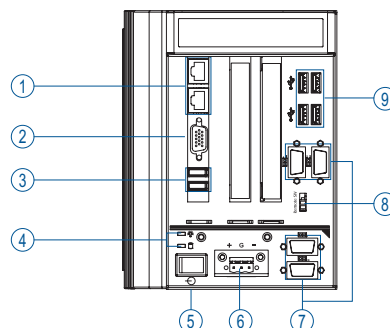
Packing List

19V 150W adapter and US power cord (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
CAN bus module x 1

Dimensions



Front Metal Panel I/O Layout



1. Ethernet x 2
2. VGA port
3. USB 2.0 x 2
4. LED for power & HDD
5. ATX power switch
6. Power connector (Din-jack or Phoenix plug)
7. CAN bus module (COM 2)
RS-232 (COM 3/4)
RS-232/422/485 (COM 1)
8. Remote power switch
9. USB 2.0 x 4

* All specifications and photos are subject to change without notice.
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Overview

Embedded Systems

Embedded Systems for Transportation

Embedded Field Controllers

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Backplanes

Power Supplies

Peripherals & Accessories