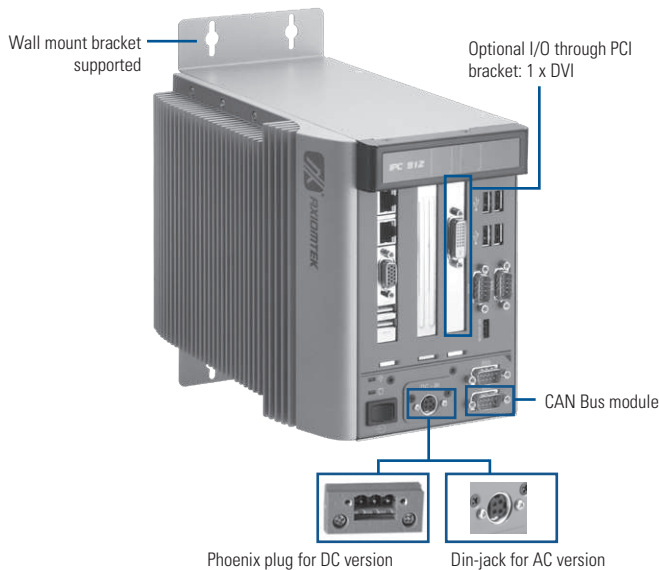


IPC912-211-FL-CAN

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



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 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



▲ Rear view



Specifications

Standard Color		Sliver
Construction		Aluminum extrusion heavy-duty cold-rolled steel, IP30
System Board		SHB211VGGA
Processor System	CPU Level	Socket P (478-pin) for Intel® Core™2 Duo/ Celeron® M processor with 667/800/1066 MHz
	Max. Speed	2.53 GHz
	Front Side Bus	667/800/1066 MHz
	Chipset	Intel® GM45 + ICH9M
System Memory		2 x 204-pin DDR3 800/1066 SO-DIMM socket, up to 8 GB
I/O Interface (Front)		ATX power on/off switch 1 x remote power on/off switch 6 x USB 2.0 1 x CAN Bus 1 x RS-232/422/485 (COM1) 2 x RS-232 (COM 3/4) 2 x 10/100/1000Mbps Ethernet 1 x VGA
Expansion Interface		HAB100: 1 PCIe x1 & 1 PCIe x4 HAB103: 1 PCI & 1 PCIe x4 HAB102: 1 PCIe x4 & 1 PCI-X

CAN Bus	Controller	STM32F105
	Port Channel	1
	Transceiver	ADM3053
	Connector	9-pin male D-Sub
	Isolation	2.0K VDC
	Support Protocol	CAN 2.0A/2.0B
	Baud Rate	up to 1 Mbps
	OS Driver Support	Windows® Server 2008; 2003/ Vista/2000/XP/7 and Linux OS
Storage	1 x 2.5" SATA HDD 1 x onboard CompactFlash™ socket	
System Indicators	1x Power on/off, 1 x HDD	
Power Supply	DC ATX 150W:	
	Input : 10 ~ 30VDC	
	Output: +5V @ 11A, +3.3V @ 5A, +12V @ 9A, -12V @ -150mA, 5Vsb @ 2A	
	AC-DC power adapter:	
	Input: 100 ~ 240VAC 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	

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

Ordering Information

PCIe Version	
IPC912-211-FL-CAN-HAB103-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-HAB103-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
PCI+PCIe Version	
IPC912-211-FL-CAN-HAB100-AC (P/N: E26G912109)	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 and US power cord
IPC912-211-FL-CAN-HAB100-DC (P/N: E26G912110)	2-slot fanless system with socket P Intel® Core™2 Duo, PCIe slots, DC-in ATX 150W P/S

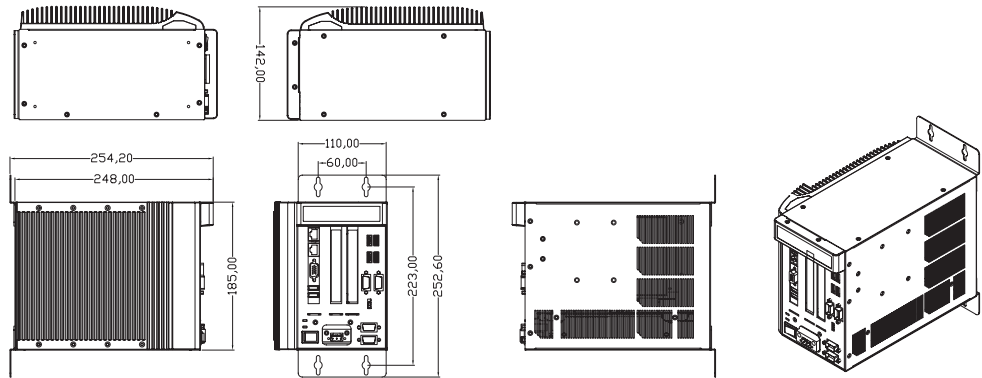
*Specifications and certifications are based on options and may vary.

Power Protection

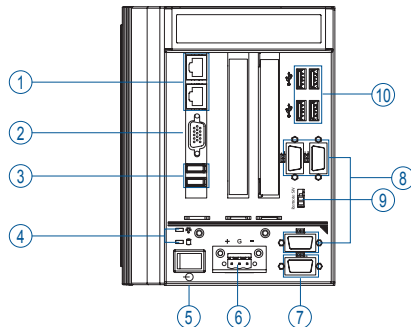
AC Version
OVP (over voltage protection)
OTP (over temperature protection)
OPP (over power protection)
SCP (short circuit protection)

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

Dimensions



Front & Rear Metal Panel I/O Layout



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™2 Duo processor: T9300 (2.5 GHz)
Intel® Core™2 Duo processor: T7500 (2.2 GHz)
Intel® Celeron® processor 575 (2 GHz)
DDR3 SODIMM: 1 GB, 2 GB
CompactFlash™: 2 GB, 4 GB, 8 GB
Embedded OS: XPE SP3 OS Image and License

Packing List

19V 150W adapter and US power cord (for 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

Overview

Embedded
Systems

Embedded
Systems for
Transportation

Embedded
Field
Controllers

Embedded
MicroBoxes

Industrial
Barebone
Systems

Industrial
Chassis

Backplanes

Power
Supplies

Peripherals &
Accessories

Appendix