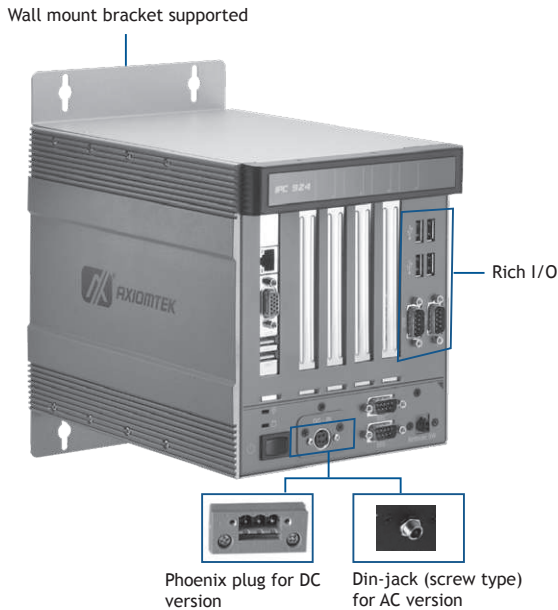


IPC924-212-FL

4-slot Fanless System with Intel® Atom™ Processor D525 up to 1.8 GHz, Intel® ICH8M Chipset, PCIe & PCI Slots



Features

- Intel® Atom™ processor D525 up to 1.8 GHz
- Fanless & ventilation-free
- Intel® ICH8M chipset
- Supports 4 expansion slots
- DC to DC power supply supports 10~30V
- Compact & front I/O design



▲ Rear view



Specifications

Standard Color	Sliver
Construction	Aluminum extrusion heavy-duty cold-rolled steel
System Board	SHB212VGA
Processor	CPU Level Intel® Atom™ processor D525
System	Max. Speed 1.8 GHz
	Front Side Bus N/A
	Chipset Intel® ICH8M
System Memory	1 x 204-pin DDR3 800 SO-DIMM socket, up to 4 GB
I/O Interface (Front)	ATX power on/off switch
	6 x USB 2.0
	3 x RS-232 (COM 2/3/4)
	1 x RS-232/422/485 (COM 1)
	1 x 10/100/1000Mbps Ethernet
	1 x VGA

Expansion Interface	HAB104: 4 PCI
	HAB105: 2 PCI & 1 PCIe x1 & 1 PCIe x16
Storage	1 x 2.5" SATA HDD
	1 x onboard CompactFlash™ socket
System Indicators	1 x power on/off , 1 x HDD
Power Supply	DC ATX150W:
	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
Operation Temperature	0°C ~ +45°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +113°F)
Humidity	10% ~ 90%, non-condensing
Dimensions	158 mm (6.2") (W) x 248 mm (9.8") (D) x 185 mm (7.3") (H)
Weight (net/gross)	3.88 kg (8.55 lb)/4.86 kg (10.71 lb)
Certification	CE

Ordering Information

PCI Version

IPC924-212-FL-HAB104-AC (P/N: E26G924100)	4-slot fanless system with Intel® Atom™ D525, PCI slots, DC-in ATX 150W P/S and AC-DC 150W power adaptor and US power cord
IPC924-212-FL-HAB104-DC (P/N: E26G924101)	4-slot fanless system with Intel® Atom™ D525, PCI slots, DC-in ATX 150W P/S

PCI+PCIe Version

IPC924-212-FL-HAB105-AC (P/N: E26G924102)	4-slot fanless system with Intel® Atom™ D525, PCI & PCIe slots, DC-in ATX 150W P/S and AC-DC 150W power adaptor and US power cord
IPC924-212-FL-HAB105-DC (P/N: E26G924103)	4-slot fanless system with Intel® Atom™ D525, PCI & PCIe slots, DC-in ATX 150W P/S

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

Power Protection

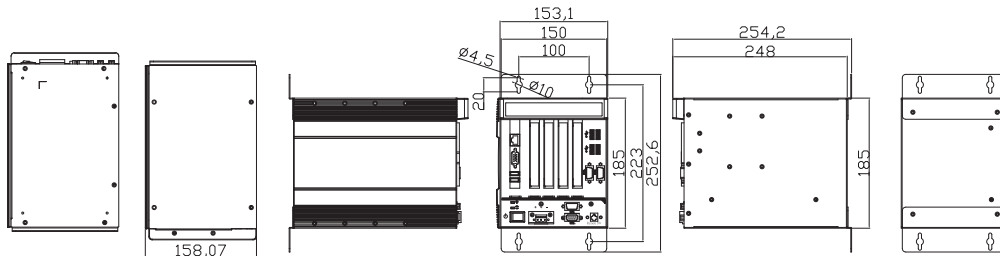
AC Version

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

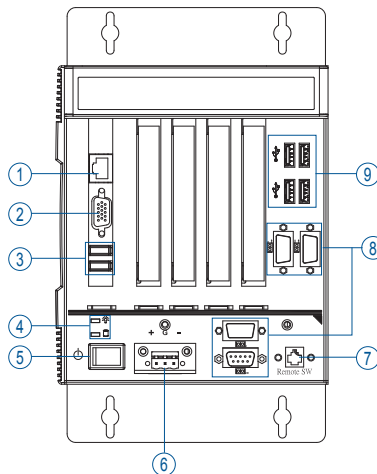
DC Version

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

Dimensions



Front & Rear Metal Panel I/O Layout



1. Ethernet x 1
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. Remote power switch
8. RS-232 (COM 2/3/4)
RS-232/422/485 (COM 1)
9. USB 2.0 x 4

Optional Items

AX93221-18/36: DVI card
 40P-40P LVDS cable
 DVI bracket for AX93221
 2.5" SATA HDD: 250 GB, 320 GB, 500 GB
 DDR3 SODIMM: 2 GB, 4 GB

Packing List

19V 150W adaptor and US power cord (for AC version)
 Drive 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

Backplanes

Power Supplies

Peripherals & Accessories

Appendix