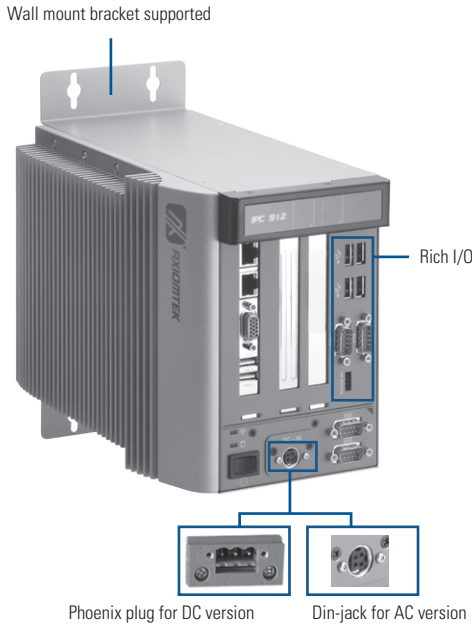


IPC912-213-FL

2-slot Fanless System with Intel® Core™ i7/i5/i3 & Celeron® Processor (up to 2.5 GHz), Intel® HM65 chipset, PCIe & PCI Slots



Features

- Socket G2 for Intel® Core™ i7/i5/i3 & Celeron® processor up to 45W
- Fanless operation
- Intel® HM65 chipset
- Supports 2 expansion slots
- DC to DC power supply supports 10V ~ 30V
- Compact & front I/O design



▲ Rear view



Specifications

Standard Color	Sliver	
Construction	Aluminum extrusion heavy-duty cold-rolled steel, IP30	
System Board	SHB213VGG	
BIOS	AMI UEFI BIOS	
Processor System	CPU Level	Socket G2 2nd generation for Intel® Core™ i7/i5/i3 & Celeron® processors, up to 45W
	Max. Speed	2.5 GHz
	Front Side Bus	N/A
	Chipset	Intel® HM65
System Memory	2 x 204-pin DDR3 1066/1333 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	
	3 x RS-232 (COM 2/3/4)	
	1 x RS-232/422/485 (COM 1)	
	2 x 10/100/1000Mbps Ethernet 1 x VGA	
Expansion Interface	HAB103: 1 PCIe x4 & 1 PCI	
	HAB100: 1 PCIe x1 & 1 PCIe x4	

Storage	1 x 2.5" SATA HDD 1 x onboard CFast™ 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: 90 ~ 240VAC Output: 19V @ 7.89A
	Certification
Operation Temperature	0°C ~ +45°C (32°F ~ 113°F) (with W.T HDD)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°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)	4.22 kg (9.28 lb)/5.3 kg (11.68 lb)

*Note: The maximum power rating for expansion slots at 45°C can not be exceeded the following values :

The maximum loading of 3.3V + 5Vsb + 5V is <49W.
The maximum loading of 3.3V + 5V+ 12V is <74W.

Ordering Information

PCIe Version

IPC912-213-FL-HAB100 DC (P/N: E26G912113)	2-slot fanless system with Intel® Core™ i7/i5/i3 processor, PCIe slots and DC-in ATX 150W P/S
IPC912-213-FL-HAB100 AC (P/N: E26G912112)	2-slot fanless system with Intel® Core™ i7/i5/i3 processor, PCIe slots, DC-in ATX 150W P/S, AC-DC 150W power adapter and US power cord

PCI+PCIe Version

IPC912-213-FL-HAB103 DC (P/N: E26G912117)	2-slot fanless system with Intel® Core™ i7/i5/i3 processor, PCI & PCIe slots and DC-in ATX 150W P/S
IPC912-213-FL-HAB103 AC (P/N: E26G912116)	2-slot fanless system with Intel® Core™ i7/i5/i3 processor, PCI & PCIe slots, DC-in ATX 150W P/S, AC-DC 150W power adapter and US power cord

*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)

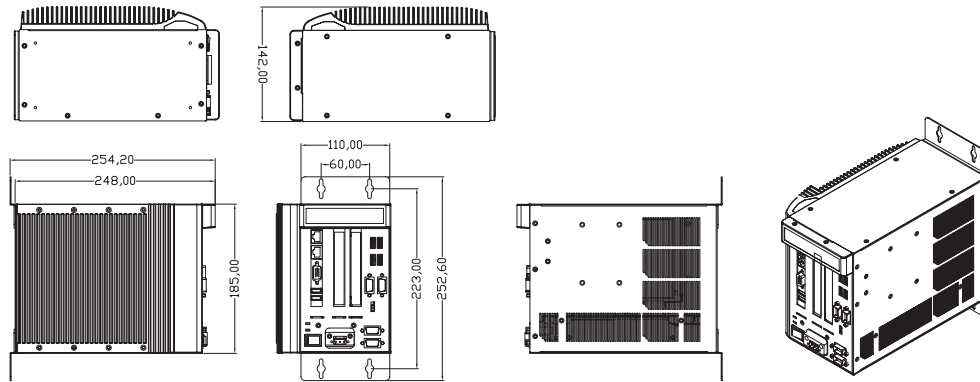
Optional Items

DDR3 SO-DIMM: 2 GB, 4 GB, 8 GB
 CFast™: 2 GB, 4 GB, 8 GB
 Embedded OS: XPE-SP3 OS image and license
 2.5" SATA HDD: 250 GB, 320 GB, 500 GB

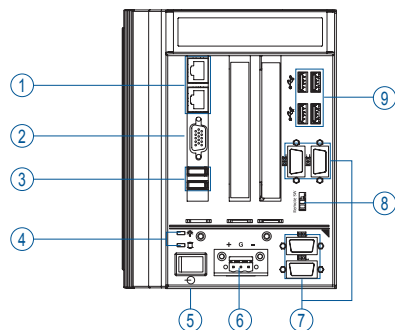
Packing List

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
 Thermal Pad for RAM x 1
 Terminal block x 1 (for DC version)
 Remote power switch cable x 1

Dimensions



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

