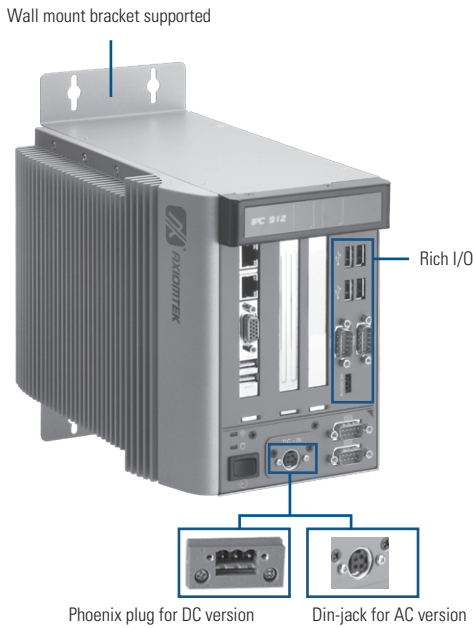


# IPC912-213-FL

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



## Features

- Socket G2 for Intel® Core™ i7/ i5/ i3/ Celeron® processors, up to 35W
- Fanless operation
- Intel® HM65 PCH
- 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	
Processor System	CPU Level	Socket G2 2nd Generation for Intel® Core™ i7 / i5 / i3/ Celeron® processors, up to 35W
	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	HAB102: 1 PCIe x4 & 1 PCI-X 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
Operation 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)	4.22 kg(9.28 lb)/5.3 kg(11.68 lb)
Certification	CE

## Ordering Information

### PCIe Version

IPC912-213-FL-HAB100 DC (P/N: E26G912113)	2-slot fanless system with Intel® Core™ i7/ i5/ i3, 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, PCIe slots, DC-in ATX 150W P/S, AC-DC 150W power adaptor 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, 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, PCI & PCIe slots, DC-in ATX 150W P/S, AC-DC150W power adaptor and US power cord

### PCIe+PCI-X Version

IPC912-213-FL-HAB102 DC (P/N: E26G912115)	2-slot fanless system with Intel® Core™ i7/ i5/ i3, PCIe & PCI-X slots and DC-in ATX 150W P/S
IPC912-213-FL-HAB102 AC (P/N: E26G912114)	2-slot fanless system with Intel® Core™ i7/ i5/ i3, PCIe & PCI-X slots, DC-in ATX 150W P/S, AC-DC150W power adaptor 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)

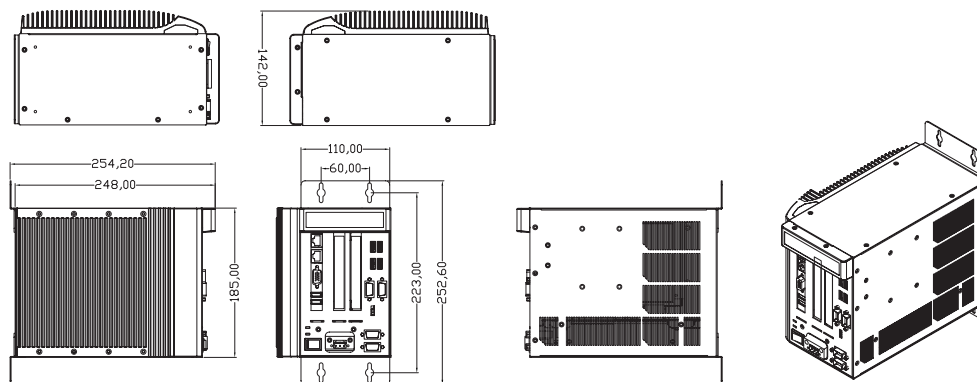
## Optional Items

DDR3 SODIMM: 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

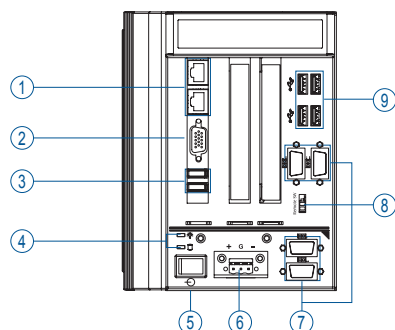
## Packing List

19V 150W adapter (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 x1

## 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