

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



Front view



Rear view

Features



- Socket G2 for Intel® Core™ i7/ i5/ i3/ Celeron® processors, under 35W
- Fanless operation
- Intel® HM65 PCH
- Supports 2 expansion slots
- DC to DC power supply supports 10V ~ 30V
- Compact & front I/O design

Wall mount bracket supported



Phoenix plug for DC version

Din-jack for AC version

Specifications

Standard Color	Sliver
Construction	Aluminum extrusion heavy-duty cold-rolled steel, IP30
System Board	SHB213VGG
Processor CPU Level	Socket G2 2nd generation for Intel® Core™ i7 / i5 / i3 / Celeron® processors, under 35W
System	
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 or 2 PCIe x1

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 ~ 30V _{DC} Output: +5V @ 11A, +3.3V @ 5A, +12V @ 9A, -12V @ -150mA, 5Vsb @ 2A AC-DC power adapter: Input: 90 ~ 240V _{AC} 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: E26G91210X)	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: E26G91210X)	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: E26G91210X)	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: E26G91210X)	2-slot fanless system with Intel® Core™ i7/ i5/ i3, PCI & PCIe slots, DC-in ATX 150W P/S, AC-DC 150W power adaptor and US power cord

PCIe+PCI-X Version

IPC912-213-FL-HAB102 DC (P/N: E26G91210X)	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: E26G91210X)	2-slot fanless system with Intel® Core™ i7/ i5/ i3, PCIe & PCI-X slots, DC-in ATX 150W P/S, AC-DC 150W 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)
OCV (over current protection)	

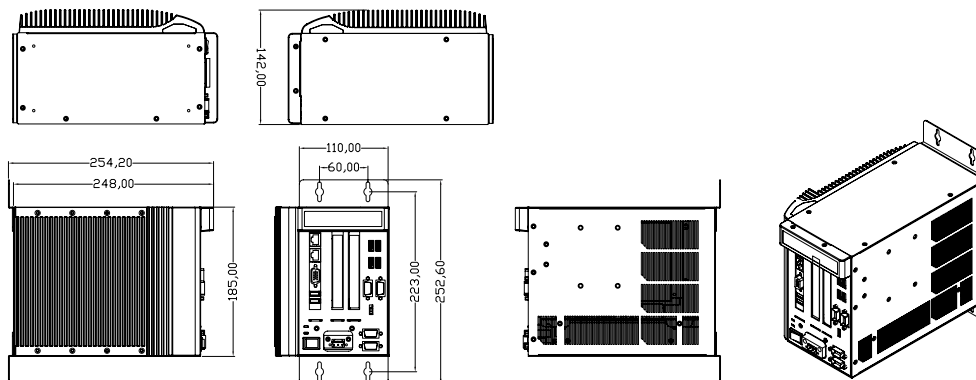
Optional Items

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

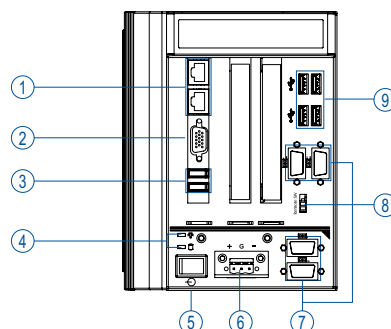
Packing List

19V 150W adapter (for AC version)
Driver CD
Quick manual
Wall mount bracket x 2
Food pad x 4
HDD bracket x 1
Screw pack 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. RS-232/422/485 (COM 1)
RS-232 (COM 2/3/4)
8. Remote power switch
9. USB 2.0 x 4