

IPC-620H-H110 Compact Embedded Industrial Computer

Brief Introduction

IPC-620H is a small-size compact wall mount PC. With strong expansibility, the complete PC is compatible with motherboards of multiple different platform models. The expansion slots on the motherboard can be used to directly expand full-height and half-size application cards, without the need for converter cable, so that excellent expansibility can be realized in a small form factor. The chassis adopts small form factor design, and can meet the requirement of installation in a small space. Shaped by metal sheet material, the PC has excellent heat dissipation and anti-vibration performance.

This product can be widely used in IT communication, self-service terminals, industrial automation and vehicle inspection.



Features

Compact size support desktop and wallmount

Support Intel® 6th/7th Gen Core™ i7/i5/i3, Pentium™, Celeron™

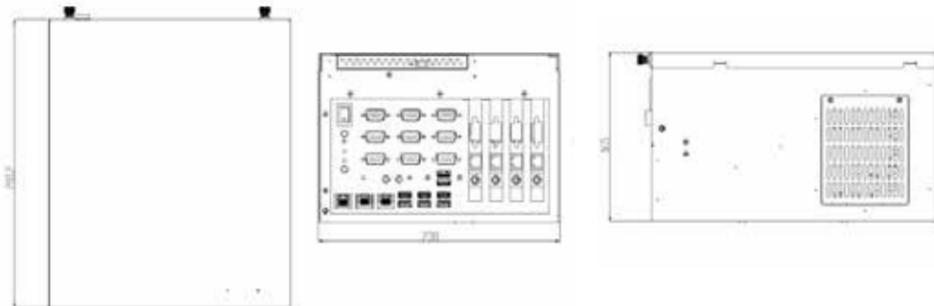
Support up to 32G DDR4

Support VGA/DVI-D/HDMI and dual independent display

Support up to 10 x USB/10 x COM

Support PCIe16/PCIEx4/2PCI

Product size chart



(Company : MM)

Specifications

Items	Specification
Chipset	Intel® H110
CPU	Intel® 6th/7th Gen Core™ i7/i5/i3, Pentium™, Celeron™
Memory	2 x 288PIN DDR4 DIMM, up to 32G
Display	Onboard VGA+HDMI, internal DVI-D PIN header
LAN	2 x 10/100/1000Mbps RJ45
Audio	1 x Mic-in, 1 x Line-in, 1 x Line-out
Storage	1 x 2.5"HDD/SSD bay (Anti-vibration) 1 x slim DVD-ROM bay, replaceable to 2nd 2.5" HDD/SSD
Mechanical	Anti-vibration: 5-15Hz/1.0mm amplitude; 15-200Hz/1.0g acceleration Anti-shock: 15G, half-sine, pulse width: 11ms
I/O	4 x USB 3.0, 4 x USB 2.0, internal 2 x USB 2.0 PIN header 6 x Serial ports, COM1/COM2 support RS232/422/485, up to 10 1 x LPT 1 x 8ch GPIO PIN header 1 x TPM PIN header
Expansion	1 x PCIe16 1 x PCIe4 2 x PCI Support up to 111mm(H) x 167 mm (L) add-on card
Power Supply	Mini ATX power supply unit
OS	Win7, Win8, Win10, Win7E, Linux
Dimensions (W x H x D)	280 x 165x 238 mm(W x H x D)
Weight	About 6.2kg
Temperature	Operating:0 ~ 50 Storage:-20 ~ 60
Humidity	5% ~ 90% (Non-condensing)
Reliability	MTBF ≥ 50000h MTTR ≤ 0.5h
Mechanical	Anti-vibration:5-17Hz/1.0mm amplitude 17-200Hz/1.0g acceleration Anti-shock:10g acceleration, 11ms duration Noise:≤55dB

Ordering Information

P/N	Model	Description
0020-062121	IPC-620H-H110 Barebone	Barebone/H110/No CPU/No RAM/No storage/ATX 300W/2LAN/2COM/8USB/VGA/HDMI/LPT/Audio/ 1 x PCIe16/1 x PCIe4/2 x PCI
0010-106041	IPC-620H-H110	IPC-620H-H110/G3900/4G DDR4/500G HDD/ATX 300W/2LAN/6COM/8USB/VGA/HDMI/LPT/Audio/ 1 x PCIe16/1 x PCIe4/2 x PCI
0010-106051	IPC-620H-H110	IPC-620H-H110/i3-6100/4G DDR4/500G HDD/ATX 300W/2LAN/6COM/8USB/VGA/HDMI/LPT/ Audio/ 1 x PCIe16/1 x PCIe4/2 x PCI
0010-106061	IPC-620H-H110	IPC-620H-H110/i5-6500/4G DDR4/1T HDD/ATX 300W/2LAN/6COM/8USB/VGA/HDMI/LPT/Audio/ 1 x PCIe16/1 x PCIe4/2 x PCI
0010-106071	IPC-620H-H110	IPC-620H-H110/i7-6700/8G DDR4/1T HDD/ATX 300W/2LAN/6COM/8USB/VGA/HDMI/LPT/Audio/ 1 x PCIe16/1 x PCIe4/2 x PCI