



High-performance Commercial Box PC Based on Intel H310 Chipset

Main Features:

- Support Intel 6/7/8/9 Gen. LGA1151 Serials CPU 65W/35W
- 8 x USB output
- Support 1 x LAN/2 x LAN 1000M network card
- Support DDR4 memory with maximum capacity up to 16GB



Specification:

Processor	CPU	Intel 6/7/8/9 Gen. LGA1151 Serials CPU 65W/35W
	Chipset	H310 Chipset
Memory	Type	2 x SO-DIMM DDR4 2400
	Max. Capacity	32GB
Display	Display Interfaces	1 x HDMI 1.4(MAX: 3840 x 2160@30Hz)
		1 x DP(VGA optional)
Storage	M.2	Support 1 x M.2 2280 SSD(SATA/NVME)
Network	Control Chip	1 x RTL8111H
USB	I/O	Rear: 4 x USB 2.0 + 2 x USB 3.0; Front: 2 x USB 3.0
I/O Interfaces	Rear	1 x DC_IN, 12/19V power input
		1 x HDMI 1.4 + 1 x DP/VGA
		2 x RS232(optional)
		1 x LPT(optional)
		2 x USB 3.0
		2 x USB 2.0
		2 x USB 2.0(in common with Lay LAN)
		1 x RJ45, 1000M
	2 x WIFI Antenna	
	Front	1 x Power Button(with indicator light)
	2 x USB 3.0	
	1 x Audio + Mic	
Customized Function		Hardware automatic power-on function
Software Function	Wake on LAN	Support
	OS	Windows 7/10/Linux
Power Supply	Voltage Input	DC_IN 19V 90W
Environment	Operating Temp.	0-40°C
	Storage Temp.	-20-80°C
Appearance	Material	Plastic panel + iron frame(black)
	Dimension(L x W x H)	180 x 180 x 35mm
Cooling	Cooling	Copper pipe, side air outlet

Description:

BPC-IH310D-1NBWPH is a high-performance commercial box pc using Intel's latest 8th and 9th generation standard voltage processors. It provides DDR4 memory and large-capacity M.2 SSD. With strong computing capability, it also supports 4K HD video playback and graphics software operation, can be widely applied to various application scenarios in finance, education, government, medical, enterprise and other industries.

· High Performance

Designed with the latest intel 8th/9th 65W standard voltage processor with fast processing speed and powerful front-end computing capability.

· Rich Expansion Interfaces

The computer comes with 8 x USB ports (4 x USB 3.0, 4 x USB 2.0), HDMI+DP (VGA optional) dual display and up to 2 x gigabit network cards, which can meet the requirements for peripheral interfaces in complex scenarios.

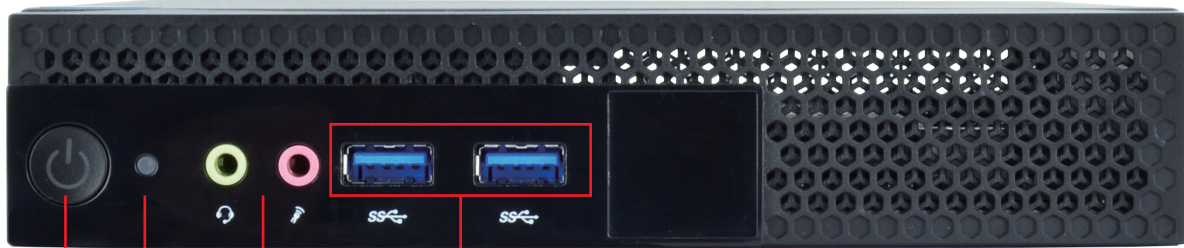
· Diversified Configuration

It can be configured with i3, i5, i7 or Pentium processor for multiple platforms with a maximum memory of 32GB, and it can be extended with LTP and COM interfaces to meet various application environment.

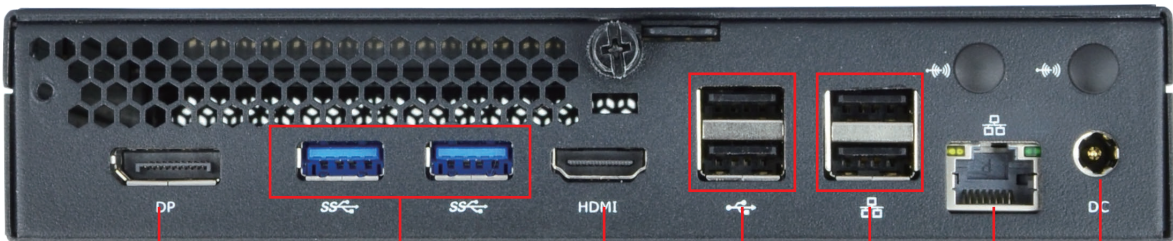
· Compact Size

BPC-IH310D-1NBWPH is very small(180 x 180 x 35mm), supporting back-hung and desktop placement, and is convenient for installation and maintenance.





Power HDD LED Audio/MIC 2 x USB 3.0



DP 2 x USB 3.0 HDMI 2 x USB 2.0 2 x USB 2.0 LAN DC IN

Order Information:

Model	CPU	Memory	SSD	WIFI	Display	Network	USB	COM
BPC-IH310D-1NBWVH	NA	NA	NA	NA	VGA + HDMI	1 x LAN	8 x USB	NA
BPC-IH310D-2N2BWVH	NA	NA	NA	NA	VGA + HDMI	2 x LAN	6 x USB	2 x COM
BPC-IH310D-1NBWPH	NA	NA	NA	NA	DP + HDMI	1 x LAN	8 x USB	NA
BPC-IH310D-2N2BWPH	NA	NA	NA	NA	DP + HDMI	2 x LAN	6 x USB	2 x COM

ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 9-year experience, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon vendors like Intel, NXP, ST, Rockchip, Allwinner and so on, we have earned trust from clients worldwide in over 30 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

