



Embedded Box PC Based on Intel H410 chipset, Supporting Intel Comet Lake-S Serials CPU

Description:

BPC-IH410D-B is based on Intel® H410 chipset and supports 10th Gen. Series LGA1200 Desktop CPU. It supports dual-channel DDR4 SO-DIMM memory up to 32GB and features VGA+HDMI1.4 or HDMI+DP1.2 dual display output. With powerful graphics processing performance, it can be used in business office, smart medical, cloud terminal and other fields.

Main Features:

- Support Intel® 10th Gen. LGA1200 Series CPU
- Support dual-channel DDR4 memory up to 32GB
- Support VGA+HDMI1.4 or HDMI+DP1.2 dual display and 4K@60Hz HD output
- Ultra-thin case



Specification:

Processor	CPU	Support Intel® Comet lake-S Serials CPU
	Chipset	H410 Chipset
Memory	Type	2 x SO-DIMMs DDR4 2400
	Max. Capacity	64GB
Storage	M.2	1 x M.2 2280, SATA SSD (PCIe SSD optional)
Display	GPU	CPU integrated GPU
	Rear Output Interface	1 x HDMI1.4 (Max.3840 x 2160@30Hz)
		1 x DP1.2 (Max.4096 x 2304@60Hz)
		1 x VGA or DP
Network	Controller	1 x RTL8111H Gigabit network
		Support Wake on LAN and PXE boot
USB	I/O	Rear I/O: 2 x USB3.0 + 4 x USB2.0
		Front I/O: 2 x USB3.0
Expansion	M.2	1 x M.2 2230, support Wi-Fi/BT
		1 x M.2 3042/3052, support 4G/5G
I/O Interfaces	Rear I/O	1 x DC_IN, support 12/19V power input
		HDMI1.4 + VGA/DP1.2
		2 x USB3.0 + 4 x USB2.0
		1 x RJ45, support 1000Mbps network
		2 x Wi-Fi antenna
	Front I/O	1 x ON/OFF KEY (with power supply indicator)
		1 x Line_out + 1 x MIC_in
		2 x USB3.0
Software	Watch Dog	Support
	Wake on LAN	Support
	OS	Windows10, Linux
Power Supply	Voltage Input	DC_IN 12/19V
Temperature	Operating Temp.	0°C-40°C
	Storage Temp.	-20°C-80°C
Mechanical	Material	Iron
	Dimension	180mm x 180mm x 36mm
Cooling	Fan Cooling	Copper tube and double bearing fan, supports speed adjustment via temperature control

ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 12-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.

