

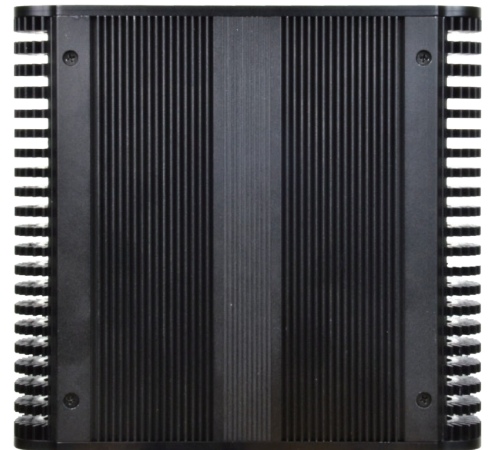


Embedded Box PC Based on Intel Core i5-1240P Processor

Description:

BPC-I1240P-2N6B is designed with the Intel Core i5-1240P Processor up to 4.40GHz. Based on a small form factor design great for IoT deployments that require high-performance, enhanced graphics density. It supports SO-DIMM DDR4 up to 64GB, features 4 x HDMI2.0, 2 x USB3.2, 2 x USB2.0, 2 x LAN, 1 x SATA, 2 x M.2 connector and 1 x PCIe4X.

BPC-I1240P-2N6B drives more values for IoT use cases with differentiated capabilities, offers an immersive experience by Intel UHD graphics, and supports 4K independent displays through 4 x HDMI, 1 x DP and 1 x LVDs/eDP, suitable for video, security, health-care, and industrial manufacturing.



Specification:

Processor	Intel® Core™ i5-1240P Processor (12M Cache, up to 4.40 GHz)	
Memory	Type	Single Channel SO-DIMM DDR4
	Max. Capacity	64GB
Display	GPU	Integrated Intel UHD Graphics
	Interface	4 x HDMI2.0, 1 x DP, 1 x LVDS/eDP
Ethernet	Controller	2 x Intel i226 Data Rate Per Port: 2.5GbE
	Interface	2 x RJ45
	Wake on LAN	Yes
Audio	Audio Codec	Realtek HD
	Interface	1 x Line-out, 1 x Mic-in, supports audio header and amplifier header
Hardware		CPU system temperature, onboard voltage, watchdog and auto power on
Storage	M.2	1 x M.2 for SATA SSD/4G
	SATA	1
Expansion	M.2	1 x M.2 for WiFi
	PCIe4X	1(PCIe 2X Signal)
	SIM	Optional
Intel AMT		support
I/O Interfaces	LAN	2
	Display	4 x HDMI2.0
	USB3.2	2 x USB3.2
	USB2.0	2 x USB2.0
	Audio	1 x Line-out, 1 x Mic-in
Dimension	Size	245mm x 194mm x 54.5mm (W x D x H)
Power	Standard Port	19V DC-IN
	Operating Temp.	-20°C~60°C
	Storage Temp.	-40°C~80°C
Operating System		Win 10/11 64 bit, Linux 64 bit

ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex 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 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.

