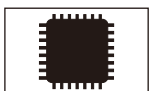


BP-N300 Series

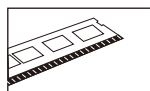
Compact-Size Box PC with Intel® Kaby Lake U Series Processor for Ultra Low-Power Fanless Solution



(All photos here are for reference only, Specifications are subject to the physical product.)



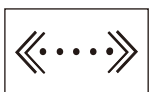
Intel® Kaby Lake



SODIMM DDR4



HDMI+VGA



Gigabit LAN



Fanless

Features

- Intel® 8th Core CPU
- SODIMM DDR4 low voltage memory socket Intel® HD
- Graphics integrated graphics 1* HDMI/1* VGA display interface
- 3* Intel® I210 GbE LAN
- 8* Rs232 , 2 x RS232/485 optional
- 4*USB3.0/2.0 Port, 4 x USB2.0 Port
- 1*Mini PCIeX1,1 x SATA,1 x M-SATA Support 3G/4G communication module
- 1* M2 Key E
- Wide Voltage DC-IN 9V~30V

Specifications

Processor	CPU	Intel® 8th Core CPU	
Memory	Architecture	DDR4 SODIMM,(Optional board 4G memory)	
Network	3G/4G	Support 3G/4G communication module, Mini-PCIe interface, pop-up SIM card	
	Network	LAN1: Intel I210 GbE LAN LAN2: Intel I210 GbE LAN LAN3: Intel I210 GbE LAN	
Super I/O	Watch Dog Timer	0~255 sec., providing Watch Dog program.	
	Memory	SODIMM socket	
Front panel	I/O interface	3.5mm standard headphone jack 3.5mm standard microphone jack PB 2PIN 3.5MM phoenix Pin-header, debug interface	
	Switch	Power switch with LED	
	Indicator	Hard disk and power supply indicator	
	I/O interface	4*USB3.0/2.0 HOST 4*USB2.0 HOST	
	GPIO	12 bit, provide routines, freely define input / output, jumper can select 3.3V/5V@24mA level, and extend from SMBUS.	
	Power	9-30V DC external power input jack	
	Antenna	WIFI&BT, 3G/4G external antenna	
	Rear panel	I/O interface	Com7 5-wire RS232, supporting 4000V surge protection, DB9 Port Com8 5-wire RS232, supporting 4000V surge protection, DB9 Port Com9 5-wire RS232, supporting 4000V surge protection, DB9 Port Com10 5-wire RS232, supporting 4000V surge protection, DB9 Port Com1 9-wire RS232, supporting 4000V surge protection, DB9 Port Com2 3-wire RS232, supporting 4000V surge protection, DB9 Port Com3 RS232/485 optional, RS232 supports 4000V surge protection. RS485 supports 3KV isolation protection, DB9 Port Com4 RS232/485 optional, RS232 supports 4000V surge protection. RS485 supports 3KV isolation protection, DB9 Port Com5 3-wire RS232, supporting 4000V surge protection, DB9 Port Com6 3-wire RS232, supporting 4000V surge protection, DB9 Port
		HDMI	1*HDMI PORT Max. resolution 4K@60Hz
		VGA	1*VGA PORT Max. resolution 2K@60Hz
Power		DC9-30V input, support power reverse and overvoltage protection	
Power		Power consumption	Max. 50W
Environment		Operating Temp.	-20°C ~ 60°C
		Storage Temp.	-40°C ~ 80°C
		Operating Humidity	0% ~ 90% relative humidity, non-condensing
Formfactor		Dimensions	215x 136x 60mm
		Weight	1.4KG(Net weight)
Certificate		3C, FCC, CE, RoHS	

Ordering Information

BP-N300-i5-8250U

Intel®Core i5-8250U 1.6GHz CPU, Four-core eight thread, Support HDMI/VGA synchronous or asynchronous display, 3* I210 GbE LAN , 8*RS232, 2*RS232/485 optional, 4*USB3.0 Port, 4*USB2.0 Port, 1*Mini PCIeX1, 1*SATA, 1*M-SATA, 1*M2 KEY-E, Support 3G/4G communication module, DC 9-30V input, support power reverse and over voltage protection

BP-N320-i7-8550U

Intel®Core i7-8550U 1.8GHz CPU, Support HDMI/VGA synchronous or asynchronous display, 3* I210 GbE LAN , 8*RS232, 2*RS232/485 optional, 4*USB3.0 Port, 4*USB2.0 Port, 1*Mini PCIeX1, 1*SATA, 1*M-SATA, 1*M2 KEY-E, Support 3G/4G communication module, DC 9-30V input, support power reverse and over voltage protection

BP-N330-i3-8130U (by BTO)

Intel®Core i3-8130U 2.20GHz CPU, Four-core eight thread, Support HDMI/VGA synchronous or asynchronous display, 3* I210 GbE LAN , 8*RS232, 2*RS232/485 optional, 4*USB3.0 Port, 4*USB2.0 Port, 1*Mini PCIeX1, 1*SATA, 1*M-SATA, 1*M2 KEY-E, Support 3G/4G communication module, DC 9-30V input, support power reverse and over voltage protection