

BP-N210 series

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

Product Features

- 6th Gen Intel® Core™ i7/i5/i3 Skylake-U Processor
- SODIMM DDR4
- Intel® HD Graphics Integrated graphic card
- HDMI+VGA Synch. or asynch. display
- 2 x Intel® I210 GbE LAN RJ45
- 4 x Rs232 TX/RX signal
- 4 x USB3.0/2.0 Port, 4 x USB2.0 Pin-Header
- Support 3G/4G communication module
- 2 x Rs485 Ports



Specifications

Processor	CPU	Intel® 6th Core Intel Core i3 / i5 /7 Skylake-U CPU
Memory	Architecture	DDR4 SODIMM,(Optional board 4G memory)
	3G/4G	Support 3G/4G communication module, Mini-PCIe interface, pop-up SIM card
Network	Network	LAN1: Intel I210 GbE LAN LAN2: Intel I210 GbE LAN
	Watch Dog Timer	0~255 sec., providing Watch Dog program.
Super I/O	Memory	SODIMM socket
	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	COM1 9-wire RS232, supporting 4000V surge protection, DB9 Port
		COM2 3-wire RS232, supporting 4000V surge protection, DB9 Port
		COM3 / COM4 RS232/485 optional, RS232 supports 4000V surge protection, RS485 supports 3KV isolation protection, DB9 Port
		COM5 / 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
	Operating Temp.	-20° C ~ 60° C
Environment	Storage Temp.	-40° C ~ 80° C
	Operating Humidity	0% ~ 90% relative humidity, non-condensing
	Storage Humidity	0% ~ 90% relative humidity, non-condensing
Formfactor	Dimensions	215 x 136 x 60mm
	Weight	1.4KG(Net weight)
Certificate		3C, FCC, CE, RoHS

Industrial embedded system

Ordering Information

BP-N210 i3-6100U	BP-N200 i5-6200U	BP-N200 i7-6500U
Intel Core i3-6100U 2.3GHz CPU, Dual-core four thread, 4*USB 3.0, 4*USB 2.0, 2*LAN, 6*COM, HDMI+VGA Synch. or asynch. display, 1x Mini-PCIe, support M-SATA SSD	Intel Core i5-6200U 2.3GHz CPU, Dual-core four thread, 4*USB 3.0, 4*USB 2.0, 2*LAN, 6*COM, HDMI+VGA Synch. or asynch. display, 1x Mini-PCIe, support M-SATA SSD	Intel Core i7-6500U 2.5GHz CPU, Dual-core four thread, 4*USB 3.0, 4*USB 2.0, 2*LAN, 6*COM, HDMI+VGA Synch. or asynch. display, 1x Mini-PCIe, support M-SATA SSD

Contact

Headquarters

16F-3, No. 258, Liancheng Rd., Zhonghe Dist.,
New Taipei City 235, Taiwan (R.O.C.)

Malaysia office

2B-1, Tingkat Kenari 6, Taman Desa Ria,
11900 Bayan Lepas, Sungai Ara, Penang Malaysia
email: michael.yan@maincon.com.tw

Shanghai Office

Room 1901, No. 322, Xinda Building, Xianxia Road,
Changning District 200051 Shanghai
email: david_huang@datavan.com.tw