

BP-N100 series

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

Product Features

- 5th Gen Intel® Core™ i3-5005U Processor
- SODIMM DDR3
- 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
- 2 x USB3.0/2.0 Port, 4 x USB2.0 Pin-Header
- Support 3G/4G communication module
- DC12V input



Specifications

Processor	CPU	Intel® 5th Core i3-5005U CPU
Memory	Architecture	DDR3 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	2*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 (optional)
	Rear panel	I/O interface
HDMI		1*HDMI PORT Max. resolution 4K@60Hz
VGA		1*VGA PORT Max. resolution 2K@60Hz
Power		DC 9-30V input, support power reverse and overvoltage protection
Power	Power consumption	Max. 35W
	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
	Dimensions	215 x 136 x 60mm
Formfactor	Weight	1.4KG(Net weight)
	Certificate	3C, FCC, CE, RoHS

Industrial embedded system

Ordering Information

BP-N100 i3-5005U

Intel® Core i3-5005U 2.0 GHz CPU, Two-core eight thread, 2*USB 3.0, 4*USB 2.0, 2*LAN, 6*COM, HDMI+VGA Synch. 1x Mini-PCIe, support M-SATA SSD

Contact

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