

# NPC-8207

19" 2U Rackmount Network Application



## Features

- Intel® PCH C206 chipset
- Supports Intel® Xeon, i3/i5 CPU
- Supports 4 x 240-pin DIMM DDR3 memory, up to 32GB
- Supports 2 x GbE, 3 x PCI-E 2.0 x8 network module expansion slot
- Supports 1 x PCI-E 2.0 x8 standard slot(reserved), 1 x PCI slot(reserved)
- Supports 2 x USB, 2 x Drive Bay, 1 x COM, 1 x LCD at front side
- Supports -48V DC, 220V AC power, redundant power optional
- Supports BPI function

## Specifications

### System

Processor	Supports Xeon E3-1275, Xeon/Sandy Bridge/Ivy Bridge series CPU of Intel® Socket FCLGA1155 package
Chipset	Intel® PCH C206
Memory	4 x 240-pin DIMM, supporting 1066/1333MHz Un-buffered ECC and Non-ECC memory, up to 32GB
Hardware Monitor	Monitors system status, voltage, temperature and fan speed
Watchdog Timer	1~255 sec./min. timer system reset or interrupt, setup by software, integrated in EVOC BPI
Expansion Interface	1 x PCI slot, 1 x PCI-E x8 slot

### Storage

Drive Bays	2 x 3.5" drive, drawtable
Serial ATA	4 x SATA interface onboard, SATA1 supports SATA3.0, supports RAID 0/1/5/10
Floppy	N/A
CF	1 x CF socket onboard
DOC/DOM	1 x IDE onboard

### I/O Interface

PS/2	1 x PS/2 keyboard/mouse connector(onboard, not connected to chassis)
USB	4 x USB2.0 port, 2x5-pin header
Serial Port	2 x RS232, COM1 supports serial port redirection function
Parallel Port	N/A
IrDA	N/A
GPIO	1 x 8ch DIO (not connected to chassis)
Audio	N/A

### Display

Chipset	CPU integrated
Memory	Shared memory
Resolution	VGA mode up to 2048 x 1536@75Hz

### Ethernet

Chipset	2 x Intel® 82583V
Speed	10/100M/1000Mbps
Connector	2 x RJ45
Expansion	3 x PCIe x8 slot, supporting front-built EVOC ENM network module, up to 24 x RJ45 or 24 x SFP

### Mechanical and Environmental

Dimensions	440mm (W) x 550mm (D) x 88.1mm (H)
Net	10.7Kg
Front Indicator	Power LED, HDD LED
Reliability	MTBF ≥ 10000h; MTTR ≤ 0.5h
Safety	Meets the basic requirement of GB/4943
Operating Temperature	0°C ~ 45°C
Storage Temperature	-10°C ~ 55°C
Operating Humidity	30%~90%, non-condensing

### Power

Power Supply	Supports -48V DC, 220V single AC power, redundant power optional. Default 300W AC power
Power Consumption	Input Voltage/Frequency: 220VAC/50Hz 65W (Standby) 140 W (100% operates 3D)

### Operating System

Windows OS	Windows server 2003 32bit, Windows server 2003 64bit, Windows server 2008 64bit
Linux OS	Linux Red Hat Enterprise 32bit, Linux RedHat Enterprise 64bit, (Linux kernel 2.6.18 or later)

### Test

EMC/EMI	Radiation disturbance is compliant with GB9254-2008, class A Conducted susceptibility meets the threshold of GB/T 17618-1998
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## Ordering Information

Part Number	Model Number	Description
0020-056311	NPC-8207	Barebone/ROHS:NET-1821VD2N/300W single power

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