NPC-8218
19" 2U Rackmount Network Application

Features

- Supports 4 x 240-pin UDIMM, up to 32GB
- Supports 6 x GbE, 4 x SFP optional,
- Supports 2- group Gen2 bypass optional
- Supports 1 x PCI, 1 x PCIe
- Supports 4 x output programmable interface for user-defined LED

Specifications

System

Processor	Supports Xeon E3-1275, Xeon E3-1225, I3-2120, I5-2500 series CPU, Socket FCLGA1155 package
Chipset	Intel® C206
Memory	Supports 4 x 240-pin 1066/1333MHz UDIMM, up to 32GB; supporting ECC (Xeon CPU) and non-ECC un-buffered and dual channel function
Hardware Monitor	Monitors system status, voltage, temperature and fan speed
Watchdog Timer	1~255 sec./min. timer system reset or interrupt, setup by software
Expansion Interface	Supports 1 x PCIe x8 (front side),1 x PCI reserved(rear side)

Storage

Drive Bay	2 x 3.5″ or 2.5″ drawable drive tray
Serial ATA	4 x SATA interface onboard;SATA1, supports SATA3.0 and complies with SATA2.0; SATA2/3/4 supports SATA2.0; all of the connectors support hot swap and RAID function;
Floppy	N/A
CF	1 x CF socket onboard
IDE	1 x IDE interface onboard

I/O Interface

PS/2	1 x PS/2 keyboard/mouse connector(onboard, not connected to chassis)
USB	2 x USB2.0 Ports on front panel and two ports are 2x5-pin header onboard
Serial Port	COM1 is RJ45, supports serial port redirection function,COM2 is pin header onboard
Parallel Port	N/A
GPIO	8 x DIO
Other	1 x TPM, 4 x OUT for user-defined LED

Display

Chipset	CPU integrated
Memory	N/A
Resolution	VGA mode up to 2048 x 1536@75 Hz
Interface	Reserved in chassis

Ethernet

Chipset	6 x Intel® 82583V, 1 x Intel® 82580
Speed	10/100M/1000Mbps
Connector	6x RJ45, 4 x SFP(only C206)
Bypass	Supports 2-group bypass optional

Mechanical and Environmental

Dimensions	482.6mm (W) x 506.0mm (D) x 88.3mm (H)
Front Indicator	Power LED, HDD LED, 4 x link status LCD, 4 x user-defined LED, can be customazied LCM
Reliability	MTBF≥50000h; MTTR≤0.5h
Safety	Meets the basic requirement of GB/4943
Operating Temperature	0℃~45℃
Storage Temperature	-10℃~55℃
Operating Humidity	10%-95%, non-condensing

Power

Power Supply	300W ATX redundant power supply, Input Voltage/ Frequency: 220V AC 50Hz
Power Consumption	N/A

Operating System

Windows OS	WIN2003 Server/ WIN2008 Server
Linux OS	Linux kernel 2.6.18 or later

Ordering Information

Part Number	Model Number	Description
0020-057661	NPC-8218	Network Barebone System/ROHS:/NET-1818VD10N-01/300W redundant power supply