

NPC-8120

19" 1U Rackmount Network Application



Features

- Supports D425 (Single Core) or D525 (Dual Core) CPU
- Supports 2 x 204-pin SODIMM, up to 4GB
- Supports 6 x GbE, supports 2- group Gen2 bypass optional
- Supports 1 x PCI
- Supports 4 x output programmable interface for user-defined LED

Specifications

System

Processor	Onboard Intel® Atom® D425 (Single Core) or D525 (Dual Core) 1.8GHz CPU
Chipset	Intel® ICH8M
Memory	Supports 2 x 204-pin 800MHz SODIMM, up to 4GB
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 PCI, PCI2.2 standard compliant

Storage

Drive Bays	1 x 3.5" drive tray
Serial ATA	2 x SATA interface onboard
Floppy	N/A
CF	1 x CF socket
DOC/DOM	1 x DOM interface onboard

I/O Interface

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

Display

Chipset	Atom CPU integrated
Memory	Intel® Dynamic Video Memory Technology 4.0
Resolution	VGA mode up to 2048 x 1536@75 Hz

Ethernet

Chipset	6 x Intel® 82574L
Speed	10/100M/1000Mbps
Connector	6 x RJ45
Bypass	Supports 2-group Gen2 bypass optional

Mechanical and Environmental

Dimensions	482.6mm (W) x 359.7mm (D) x 43.6mm (H)
Net	4.7kg
Front Indicator	Indicator LED,
Reliability	MTBF ≥ 50000h; 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	10%~95%, non-condensing

Power

Power Supply	Supports ATX power supply, Input Voltage/Frequency: 100-240 V AC 50Hz/60Hz
Power Consumption	Total Power: 34.2W (Stand by) , 42.3W (Max Power 100%)

Operating System

Windows OS	WINXP/ Embedded XP
Linux OS	Linux kernel 2.6.18 or later

Ordering Information

Part Number	Model Number	Description
0020-055151	NPC-8120-01/180W	(YF)Barebone/RoHS
0020-054991	NPC-8120-02/180W	(YF)Barebone/RoHS

1

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2

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3

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4

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