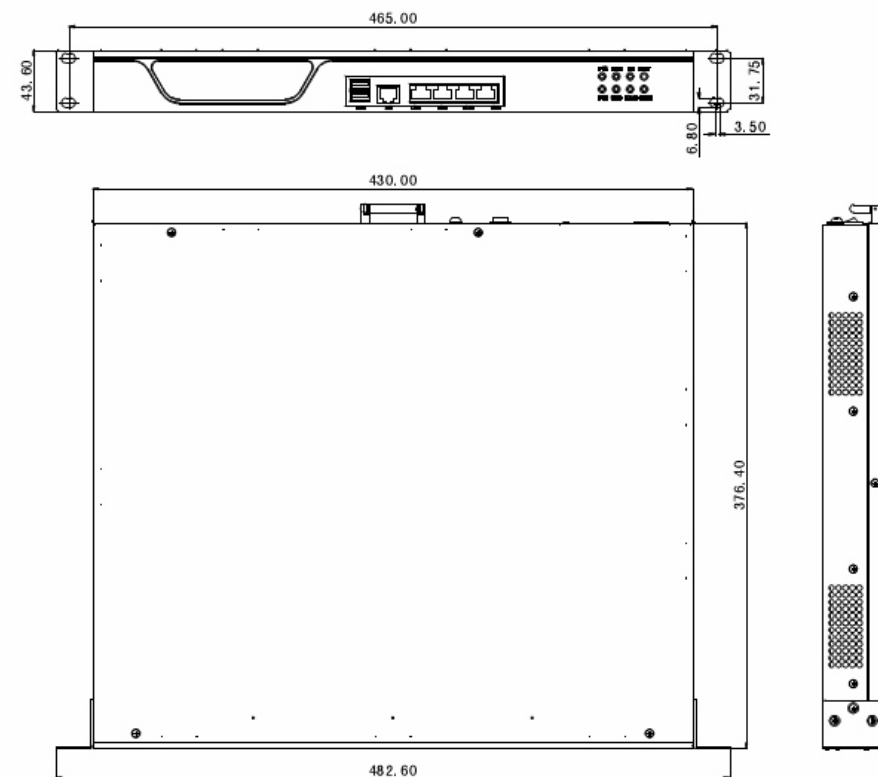


NPC-8110

19" 1U Rackmount Network PC



Dimensions



1

Full-Size/Half-Size Slot CPU Cards

2

SBC/Motherboard Modules

3

Embedded Box PC

4

Network Application Computers

5

Industrial PC

6

HMI

7

EVOG Rugged Series

8

MCC Series

9

Chassis

10

Data Acquisition Boards & Modules

11

Accessories

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Full-Size/Half-Size Slot CPU Cards

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SBC/Motherboard Modules

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Accessories



Features

- Supports Loongson 2F STLS2F02 processor
- Onboard 1GB DDR2 SDRAM memory
- Supports 4 x Intel® 82541PI GbE LAN

Specifications

System

Processor	Supports Loongson 2F STLS2F02 processor
Chipset	AMD CS5536AD
Memory	Onboard 1GB DDR2 SDRAM memory
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	N/A

Storage

IDE	1 x ultra ATA 66/100 interface onboard
Serial ATA	N/A
Floppy	N/A
CF	1 x CompactFlash socket type I/II
DOC/DOM	N/A
Drive Bay	1 x HDD bay

I/O Interface

USB	4 x USB2.0 port(2 x USB2.0 at the front panel, 1 x 9-pin header onboard)
Serial Port	2 x RS-232(1 x RJ45 serial port at the front panel, 1 x 10-pin header onboard)
Parallel Port	1 x LPT PIN header onboard
IrDA	N/A
GPIO	4bit GPIO pin header onboard
Audio	N/A
Keyboard/Mouse	N/A

Display

Chipset	AMD CS5536AD
Memory	Onboard 1GB DDR2 SDRAM memory
Resolution	N/A
Display	N/A

Ethernet

Chipset	Intel® 82541PI GbE LAN
Speed	10/100M/1000Mbps
Connector	4 x RJ45, supporting one pair of bypass

Mechanical and Environmental

Dimensions	482.6mm (L) x 376.40mm(W) x 43.60mm(H)
Front Indicator	N/A
Reliability	MTBF ≥ 50000h, MTTR ≤ 0.5h
Safety	GB4943
Operating Temperature	0°C~50°C
Storage Temperature	-20°C~80°C
Operating Humidity	5%~90%, non-condensing

Power

Power Supply	1U 220W ATX power supply
Power Consumption	N/A

Operating System

Embedded OS	Linux(2.4/2.6)
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Test

Vibration	5-19Hz/0.5mm, 19-200Hz/g
Shock	10g peak acceleration(11ms duration)
EMC/EMI	Coming soon

Available Accessories

Part Number	Items	Description	Qty.
2360-004281	Crossover serial cable/RoHS	RJ45 crystal head connector to DB9P female connector, length: 2000mm/IPC-8118	1
2360-010161	Parallel port cable with bracket/RoHS	DB25 connector to 26 Pin (2 x 13)/ with brackets/ length: 265mm/	1
2360-009081	Parallel flat cable/RoHS	40P/Hard disk/Data/Cable/DMA33/150/350	1
2360-009931	Serial port with bracket cable/RoHS	DB9 connector to 10 Pin (2 x 5), length: 265mm	1
2360-027431	USB cable/RoHS	Two USB ports to 2 x 5pin (2.54) connector/L=400	1
2413-013671	User Manual/Chinese and English/RoHS	NET-1741CD4N/VER:A1	1
2192-008501	Operating System CD/VCD/RoHS	NET-1741CD4N/LINUX trial version/V2.0	1

Ordering Information

Part Number	Model Number	Description
0020-043790	NPC-8110	Network PC with NET-1741CD4N