

# NPC-8105

19" 1U Rackmount Network PC



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 &amp; Modules

11

Accessories



## Features

- Supports LGA775 series processor
- Supports network expansion module
- Supports 2 x 240-pin DIMMs, up to 4GB of DD2 533/667
- Supports 6 x Intel® 82573 GbE LAN

## Specifications

System	
Processor	Supports Intel® Celeron D, Pentium 4, Pentium D, Conroe LGA775 CPU
Chipset	Intel® 945G+ICH7-R
Memory	Supports 2 x 240-pin DIMMs, dual-channel, up to 4GB, optional DDR2 533/667
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	1 x PCIE x8 slot
Storage	
IDE	1 x ultra ATA 66/100 interface onboard
Serial ATA	4 x Serial ATA 300MB/s interface onboard (ICH7R supports RAID 0,1,5,10)
Floppy	1 x Floppy drive interface onboard
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, (2x USB2.0 at the front panel, 1 x 9-pin header onboard)
Serial Port	2 x RS-232(1x RJ45 serial port at the front panel, 1 x 10-pin header onboard)
Parallel Port	1 x LPT
IrDA	N/A
GPIO	4bit GPIO pin header onboard
Audio	N/A
Keyboard/Mouse	1 x PS/2 KB/MS pin header onboard

## Display

Chipset	Intel® 945G integrated graphics controller
Memory	Shared memory
Resolution	VGA mode up to 2048 x 1536@75Hz
Display	1 x 16pin header onboard

## Ethernet

Chipset	Intel® 82573 GbE LAN
Speed	10/100M/1000Mbps
Connector	6 x RJ45(4x RJ45 option), supporting two pairs of bypass

## Mechanical and Environmental

Dimensions	482.6mm (L) x 425.00mm(W) x 43.60mm(H)
Front Indicator	Yes
Reliability	MTBF ≥ 50000h, MTTR ≤ 0.5h
Safety	GB4943
Operating Temperature	0°C ~ 60°C
Storage Temperature	-20°C ~ 60°C
Operating Humidity	5%-90%, non-condensing

## Power

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

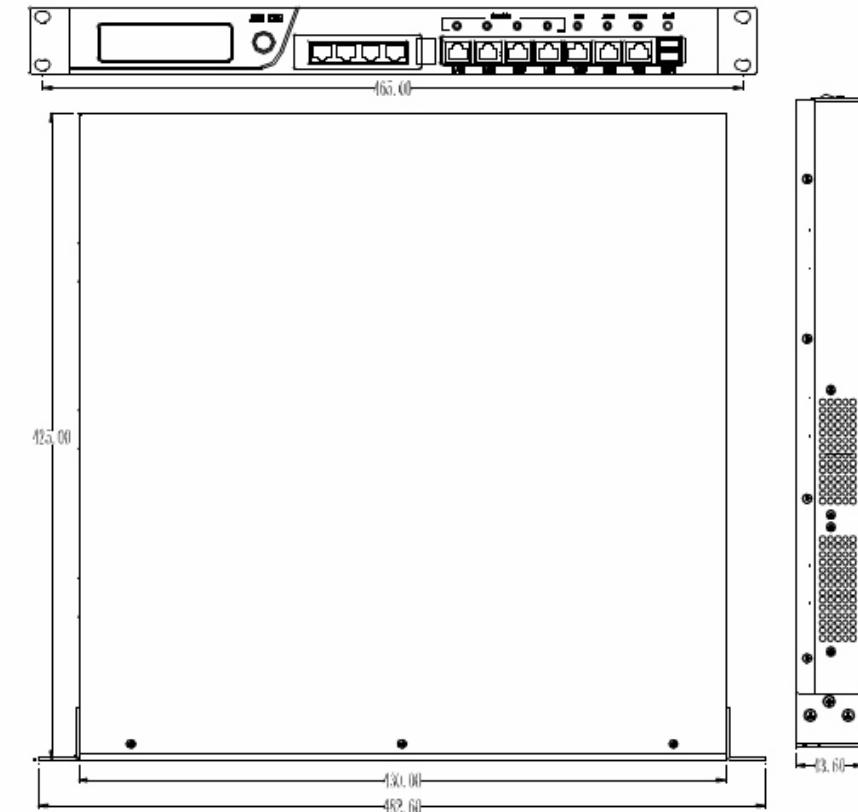
## Operating System

Windows OS	Windows 2000/ Windows XP
Embedded OS	

## Test

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

## Dimensions



## Available Accessories

Part Number	Items	Description	Qty.
2360-003671	AC power cable/RoHS	L=1500/US standard/821	1
2412-000331	Setup Guide/RoHS	AMI/BIOS Setup Guide (specifically for CORE/8)/VER:A1	1
2360-020821	Hard disk cable/RoHS	SATA-7P to SATA-7P elbow/L=350UL2725 26AWG	1
2360-018181	PS/2 converter cable/RoHS	DuPont 2*4(2.54) to PS/2 keyboard and mouse/L=250	1
2360-017661	VGA converter cable/RoHS	2*8 (female)(2.54) to DB15VGA port (female)/L=300	1
2192-006031	CD/Protective film/RoHS	NET-1813 Series/VER:A0	1
2413-013241	User Manual/Chinese version/RoHS	NPC-8105/VER:A1	1

## Ordering Information

Part Number	Model Number	Description
0010-016110	NPC-8105-01	Network PC with NET-1813VD4N-01
0010-016130	NPC-8105-03	Network PC with NET-1813VD6N-03
0030-011140	NET-1813VD4N-01	Motherboard with 4 Lan/ one pairs bypass
0030-010920	NET-1813VD6N-03	Motherboard with 6 Lan/two pairs bypass

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 &amp; Modules

11

Accessories