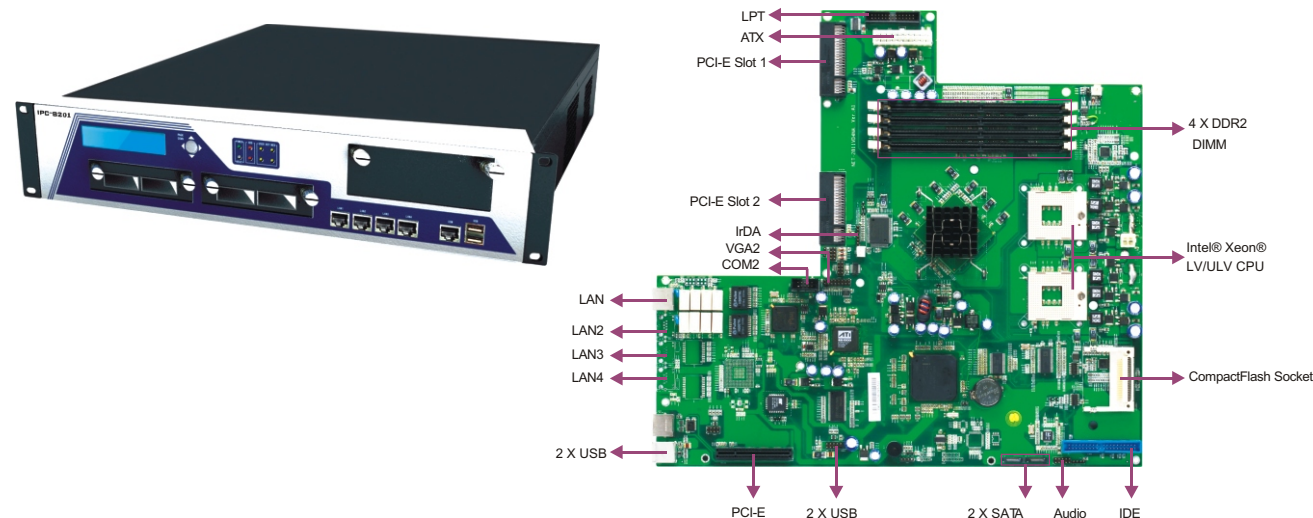
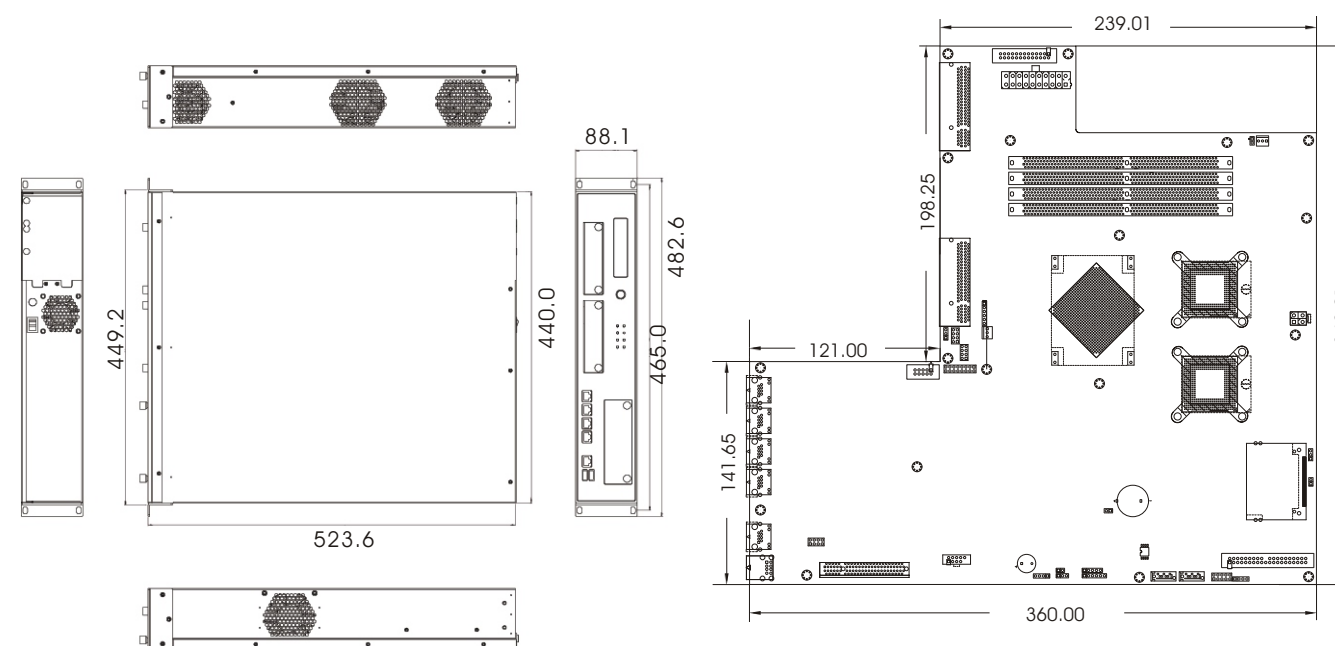


NPC-8201

19" 2U Rackmount Intel® Xeon® CPU 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

EVOC 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 2 x Intel® Xeon® dual-core CPU, high-performance network products
- Supports network expansion module. The architecture is easy to disassemble
- Hot-swappable 300W ATX redundant power supply
- NET-2811VD4NA low-power dual-core processor network motherboard
- Supports 2 x USB2.0, 3 x expansion module, 1 x PCI-E x8, 2 x PCI-E x4, 1 x CF

Specifications

| System | |
|---------------------|--|
| Processor | Supports Intel® Xeon® CPU with 667MHz FSB |
| Chipset | Intel® E7520 + 6300ESB |
| Memory | 4 x DIMM slot, supporting DDR2 400 ECC memory, up to 8GB |
| Hardware Monitor | Monitors system status, voltage, temperature and fan speed |
| Watchdog Timer | Software programmable supports 1~255 sec./min. timer system reset or interrupt |
| Expansion Interface | 1 x PCI-E x8, 2 x PCI-E x4 bus |
| Storage | |
| IDE | 1 x ultra ATA66/100 interface |
| Serial ATA | 2 x serial ATA300MB/s interface |
| Floppy | N/A |
| CF | 1 x CompactFlash Socket Type I/II (optional) |
| DOC/DOM | N/A |
| I/O Interface | |
| USB | 2 x USB2.0 port |
| Serial Port | 2 x RS-232, available interfaces of 1 x RJ 45 and 1 x 10-pin header onboard |
| Parallel Port | 1 x LPT, available header onboard |
| IrDA | 1 x IrDA |
| GPIO | 4 x GPIO indicator lamp, setup up software |
| Audio | AC'97 controller, available header onboard |
| Display | |
| Chipset | ATI RN50 |
| Memory | 16MB shared system memory |
| Resolution | VGA mode up to 1920 x 1400@75Hz |
| Dual Display | N/A |

| Ethernet | |
|------------------------------|--|
| Chipset | 4 x Intel® 82546GB |
| Speed | 4 x 10/100/1000Mbps |
| Bypass function | YES (LAN1&LAN2) |
| Connector | 4 x RJ45 |
| Mechanical and Environmental | |
| Dimensions | 482.6mm(W) x 88.1mm(H) x 523.6mm(D) |
| Front Indicator | 3.3" LCD screen |
| Reliability | MTBF ≥ 20000h; MTTR ≤ 0.5h |
| Safety | GB4943 |
| Operating Temperature | 0 C~50 C |
| Storage Temperature | -20 C~60 C |
| Operating Humidity | 20%-95%, 40 C non-condensing |
| Power | |
| Power Supply | Supports ATX power supply |
| Power Consumption | N/A |
| Operating System | |
| Windows OS | Windows Server 2003/ Windows XP |
| Embedded OS | Linux/XP Embedded |
| Test | |
| Vibration | 5-19Hz/1.0mm amplitude; 19-200Hz/1.0g acceleration |
| Shock | 10g acceleration (11ms duration) |
| EMC/EMI | GB9254-1998 class A |

Available Accessories

| Part Number | Name | Description | Qty. |
|-------------|---|--|------|
| 2360-003671 | AC power cable/RoHS | Length: 1500mm/USA standard/821 | 2 |
| 2372-001141 | Rubber pad/RoHS | 20 x 20/3M adhesive-backed | 4 |
| 2391-000391 | Screw/RoHS | Pan head M3 x 5/GB-T818-1985 | 6 |
| 2391-000651 | Screw/RoHS | Truss head M3 x 5/MPW3 x 5-NI/GB9074.1-88 | 4 |
| 1475-006401 | Left and right hanging bracket/ 8212/RoHS | Blank/98 x 64 x 2.5/silver coating | 2 |
| 2391-001451 | Screw/RoHS | Countersunk head M4 x 8/ 6.8/GB-T819-1985 | 2 |
| 2330-000041 | Jumper/RoHS | 2.54mm pitch, blue | 2 |
| 2360-016901 | DC power supply cable/RoHS | 4 Pin male to two SATA15 Pin female connectors length: 100mm | 1 |
| 2360-004411 | Power cable/RoHS | 4 Pin male connector to two 4 Pin female connector, length: 150mm/EPC-2004 | 1 |
| 2360-000851 | Converter cable/RoHS | 2x8 Pin connector to DB15 connector/VGA cable/length: 220mm | 1 |
| 2360-000851 | Converter cable/RoHS | 2x8 Pin connector to DB15 connector/VGA cable/length: 220mm | 1 |
| 1481-017431 | Network module bracket/8212/RoHS | Blank/255 x 53 x 1.5 | 2 |
| 1481-012331 | SFP fiber module bracket/8211/RoHS | Blank/120 x 45 x 1.5/silver coating | 2 |
| 1481-011811 | GBIC fiber module bracket/8211/RoHS | Blank/113 x 68 x 1.5/silver coating | 2 |
| 1481-012371 | SFP fiber module bracket2/8212/RoHS | Blank/133 x 72 x 1.5/silver coating | 2 |
| 2401-000201 | Accessories box/RoHS | 370 x 155 x 40/250g+w9 | 1 |
| | User's Manual/RoHS | NPC-8201 | 1 |
| | Driver CD/Protective film/RoHS | NET-2811VD4NA | 1 |
| | Setup Guide/RoHS | AMI BIOS Setup Guide (for Core/8) | 1 |

Ordering Information

| Part Number | Model Number | Description |
|-------------|--|--|
| 0020-038121 | NPC-8201/single power supply | Chassis/RoHS: NET-2811VD4NA/300WATX/IPC-8212 |
| 0020-038151 | NPC-8201-RE/no power supply/no backplane | Empty chassis/RoHS: NPC-8201-RE/no power supply/no backplane |
| 0020-038131 | NPC-8201/no power supply/no backplane | Empty chassis/RoHS: NPC-8201/no power supply/no backplane |
| 0020-038141 | NPC-8201-RE/redundant power supply | Chassis/RoHS: NET-2811VD4NA/300W/IPC-8212 |