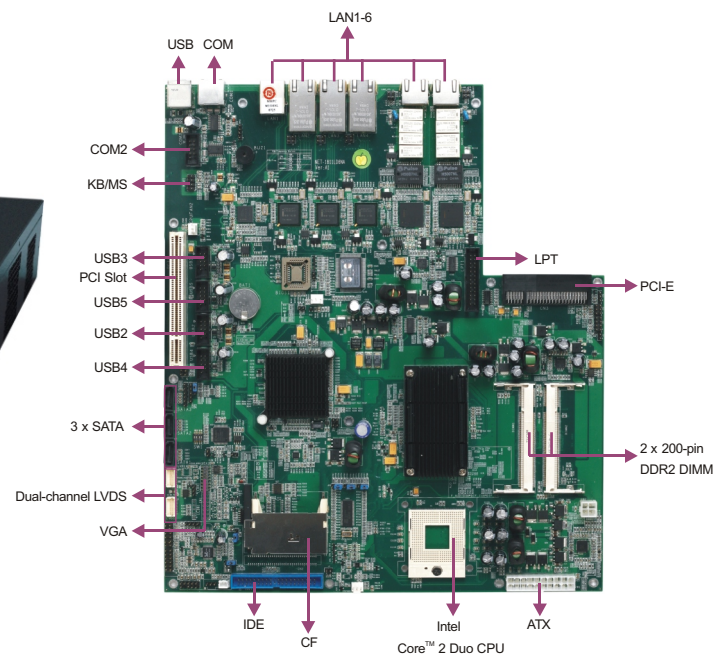
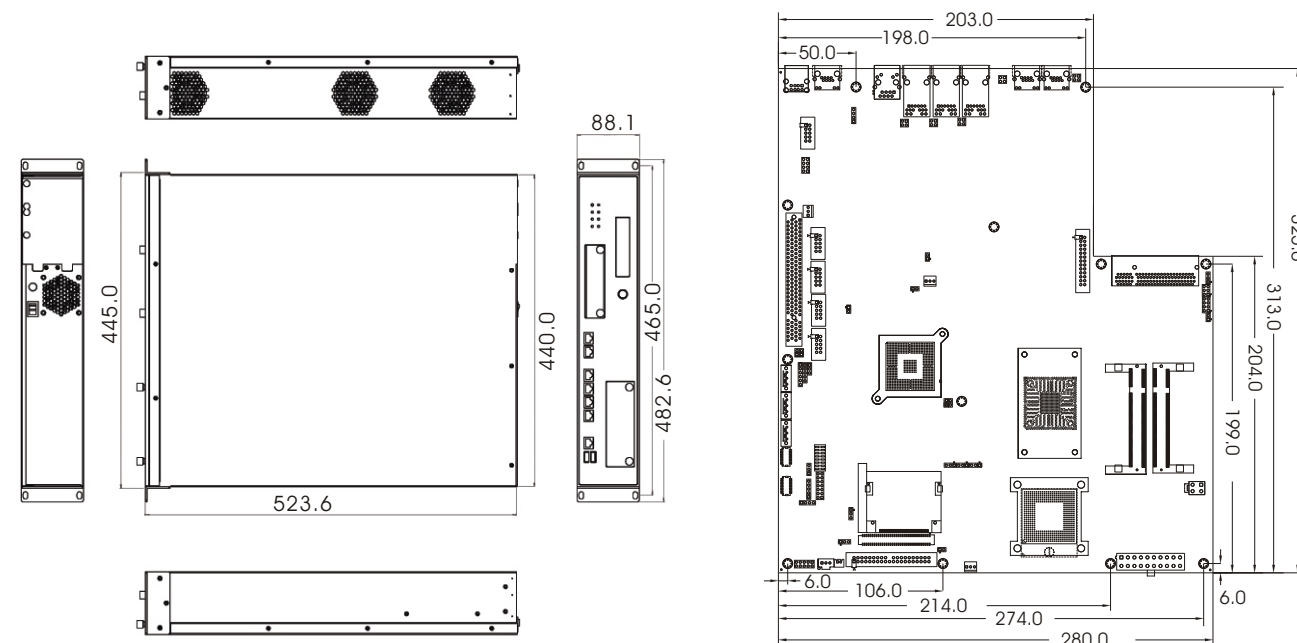


NPC-8203

19" 2U Standard Rackmount Dual-core 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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Features

- Network product with low-power, high-performance, modularization, and multi-function
- Supports network expansion module. Its architecture is easy to assemble or disassemble
- Hot-swappable 300W ATX redundancy power supply
- NET-1811LD6NA motherboard with low-power dual-core processor
- Supports 6 x 10/100/1000M Ethernet interface, 2 x expansion module, 1 x PCI-E x 4

Specifications

System	
Processor	Supports Intel® Core™ 2 Duo CPU
Chipset	Intel® GM965 (GMCH) + ICH8M
Memory	2 x 200-pin SO-DIMM slot. Supports DDR2 533/667/800 dual channel memory, up to 4GB
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 slot, 1 x PCI-E x 4 slot
Storage	
IDE	1 x ultra ATA 66/100 interface, 40-pin interface
Serial ATA	3 x serial ATA 300MB/s interface
Floppy	N/A
CF	1 x CompactFlash Socket Type I/II(optional)
DOC/DOM	N/A
I/O Interface	
USB	10 x USB2.0, available interfaces of 2 x USB port and 4 x 10-pin header onboard
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	N/A
GPIO	4 x GPIO indicator lamp
Audio	N/A
Display	
Chipset	Intel® 965GM integrated graphics controller acceleration X3100
Memory	384MB shared memory
Resolution	VGA mode up to 2048 x 1536@75Hz
Dual Display	N/A

Ethernet	
Chipset	1 x Intel® 82562V, 5 x Intel 82573E
Speed	1 x 10/100Mbps, 5 x 10/100/1000Mbps
Bypass Function	YES(LAN5&LAN6)
Connector	6 x RJ-45
Mechanical and Environmental	
Dimensions	482.6mm(W) x 523.6mm(D) x 88.1mm(H)
Front Indicator	3.3" LCD screen
Reliability	MTBF ≥ 20000h; MTTR ≤ 0.5h
Safety	GB4943
Operating Temperature	-10 C~55 C
Storage Temperature	-25 C~75 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 and 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
1475-006381	Left and right hanging ear/8211/RoHS	Blank/98 x 62 x 2.5/silver coating	2
2391-000471	Screw/RoHS	Countersunk head M3 x 5/thickness 1.5mm/GB-T819-1985	4
2391-001451	Screw/RoHS	Countersunk head M4 x 8/ 6.8/GB-T819-1985	6
2391-001161	Screw/RoHS	Hex head #6-32 x 1/4/MHW#6-32 x 1/4-NI	8
2360-000831	Y-cable for keyboard and mouse/RoHS	2 x 4 Pin connector to PS/2 keyboard and mouse connector, length: 300mm	1
2360-000671	VGA cable/RoHS	2 x 8 Pin female connector, 2.0mm pitch to DB15P connector/length: 300mm	1
2360-005711	COM cable/RoHS	RJ45 connector to COM male connector, length: 550mm	1
	User's Manual/RoHS	NPC-8203	1
	Driver CD/Protective film/RoHS	NET-1811LD6NA	1
	Setup Guide/RoHS	AMI BIOS Setup Guide (for Core/8)	1

Ordering Information

Part Number	Model Number	Description
0010-017781	NPC-8203	Complete PC/RoHS: NET-1811LD6NA/300WATX/IPC-8211
0010-017791	NPC-8203-RE	Complete PC/RoHS: NET-1811LD6NA/300W redundant power supply/IPC-8211
0020-038111	NPC-8203/no power supply/no backplane	Empty chassis/RoHS: NPC-8203/no power supply/no backplane