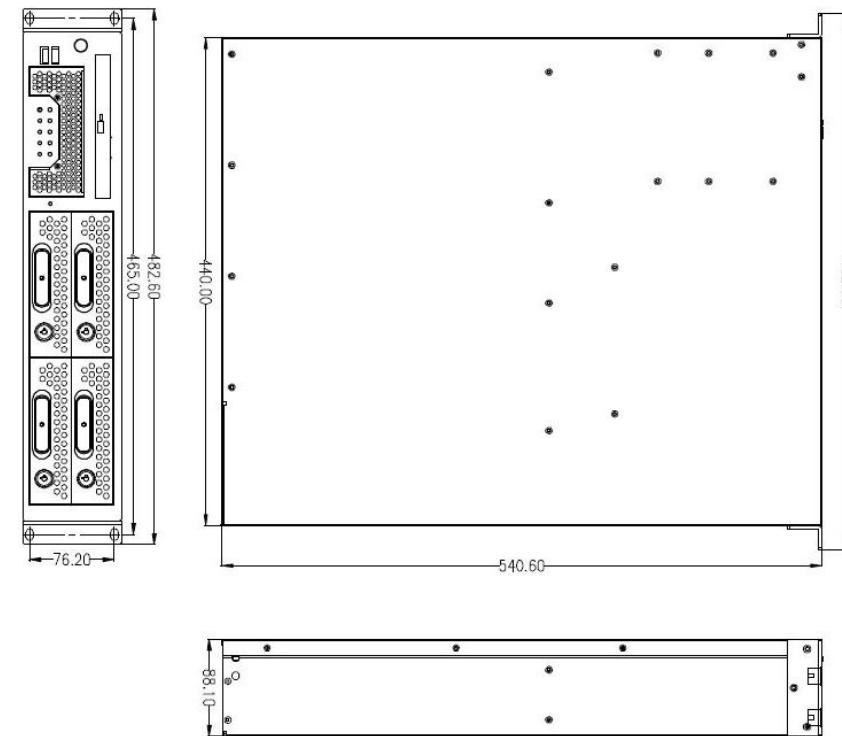


NVC-8202

2U 19" Standard Rackmount Value Added 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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Accessories



Features

- Supports Intel® LGA775 800/1066MHz FSB CPU
- Supports up to 4 x drive bay for hot-swap SATA hard disk
- Supports up to 4GB DDR2 533/667 dual channel memory
- Supports 2 x 10/100/1000M PCI-E bus Ethernet interface
- Supports 2 x PCI expansion card
- Supports 4 x USB, 1 x KB/MS, 1 x LPT, 1 x COM, 1 x VGA

Specifications

System

Standard Configuration	NVA-1712V2NA
Processor	Supports Latest Intel® Core™2 Duo/ Core™ Duo/Pentium® and Celeron® CPU in LGA775 package, with 800/1066MHz FSB
Chipset	Intel® 945G+ ICH7R
Memory	Supports 4 x 240-pin DIMM, up to 4GB DDR2 533/667 dual channel memory
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	Supports 2 x PCI expansion card

Storage

IDE	1 x ultra ATA 66/100 interface, 40-pin interface
Serial ATA	4 x serial ATA 300MB/s interface
Floppy	1 x FDD interface for reserved
CF	N/A

I/O Interface

USB	2 x USB port in front panel and 2 x USB in rear panel 4 x USB for reserved (2 x 10-pin header onboard)
Serial Port	1 x RS-232 in rear panel, available interface of 1 x DB9 1 x COM(COM2) for reserved(1 x 10-pin header onboard)
Parallel Port	1 x LPT port in rear panel
IrDA	N/A
GPIO	4 x GPIO indicator lamp, setup by software
Audio	Onboard Realtek ALC655 audio controller, reserved interface of 10-pin header on board

Display

Chipset	Intel® 945G integrated graphics controller GMA950
Memory	256MB shared memory
Resolution	VGA mode up to 2048 x 1536@75Hz
Dual Display	N/A

Ethernet

Chipset	2 x Intel® 82573E
Speed	10/100/1000Mbps
Wake-on-LAN	Yes
Connector	2 x RJ45

Mechanical and Environmental

Dimensions	482.6mm(W) x 540.6mm(D) x 88.1mm(H)
Net/Gross Weight	13.0/15.8Kg
Reliability	MTBF ≥ 30000h; MTTR ≤ 0.5h
Safety	GB4943
Operating Temperature	-5 C~+60 C
Storage Temperature	-25 C~+75 C
Operating Humidity	20%-95%, 40 C non-condensing

Power

Power Supply	Supports ATX power supply
Power Consumption	Typical 39.8W (Intel® Core2 Duo E6400, 2GB DDR2 667 memory)

Operating System

Windows OS	Windows 2000/ Windows XP
Embedded OS	Linux

Test

Vibration	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g acceleration
Shock	10g acceleration and 11ms duration
EMC/EMI	GB9254-1998 class A
Certification	RoHS Compliant

Available Accessories

Part Number	Name	Description	Qty.
N/A	Setup Guide	AMI BIOS Setup Guide (for Core/8)	1
N/A	User Manual	NVC-8201	2
N/A	User Manual	NVA-1711V2NA	1
N/A	Driver CD(protective film)	NVA-1711V2NA	1
N/A	Key	Metal	8
2360-003671	AC power supply cable	Length: 1500mm/USA standard	1
2391-001141	Screw/RoHS	Countersunk head M3 x 5/thickness 1.0mm	2
2330-000041	Jumper	2.54mm pitch, blue	4
1090-001800	Converting board	CPC-2IDE/optical drive and IDE Converting board	1

Ordering Information

Part Number	Model Number	Description
0020-005740	NVC-8202/no power/no backplane	Empty chassis
0020-006830	NVC-8202/NVA1712V2NA/2U network chassis	Chassis
0020-006831	NVC-8202/NVA1712V2NA/2U network chassis	Chassis/RoHS
0010-018630	NVC-8202	Complete PC: E4600 2.4G/2G/160G/NVA-1712V2NA with Converting board/300W/NVC-8202
0010-019390	NVC-8202	Complete PC: E4600 2.4G/1G/160G/NVA-1712V2NA with converting board/300W/NVC-8202