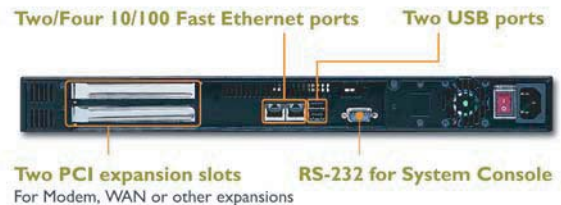# NAR-3020

1U communication appliance rack-mount server
with two rear-accessible Ethernet ports and two PCI expansion slots

Feature

- Based on Intel® 815E chipset architecture
- Equipped with up to four Intel ® high performance 10/100 Base-T Ethernet ports
- Two rear-accessible PCI slots
- One MiniPCI interface for more flexible expansion
- User-friendly LCD with 2x16 characters and 4-buttons
- Embedded storage solution supported: Compact Flash and Disk on Module (DOM)
- System console capability allows for in-depth H/W maintenance
- One DIMM socket supports up to 512MB system memory

Specification

CPU Board	- Support from Intel® Celeron® to Pentium® III processor up to 1.26 GHz - Intel® 815E chipset with 66/100/133 MHz FSB
System Memory	One 168-pin PC 100/133 SDRAM, up to 512MB
Ethernet Port	3/1 Intel® 82559ER and one Intel® 82562ET Fast Ethernet ports
PCI Expansion	- One MiniPCI connector - Two rear-accessible PCI e xpansion slots (max.), support 3.3V/5V
Storage Device	- One 2.5" HDD - Disk on Module (DOM) - CompactFlash (Optional with CF daughter card)
Serial port	- One DB9 (for system console) - One 2x5 pin-connector for LCD module
LCD Panel	2x16 characters LCD module with 4-buttons
LEDs	- Indicators for power and storage - Ethernet ACT/LNK and speed status
IDE	One 40-pin and one 44-pin IDE connectors
USB	2
VGA	- Built-in on-board VGA pin-connector - Optional for DB15 interface (connector)
Power	Full-range 85W ATX PSU
Dimension	428.6(W) x 315(D) x 44(H)mm 16.87"(W) x 12.4"(D) x 1.73"(H)
Packaging Dimension	21.7"(W) x 17.3"(D) x 9.1"(H)
Weight	Gross: 6.4kg(14.11 lbs); Net: 4kg(8.82 lbs)
Operating Environment	- Temperature: 5 to 40°C (67 to 130 °F) - Humidity: 20% to 90% RH
Storage Environment	- Temperature: 0 to 70°C (58 to 184 °F) - Humidity: 5% to 95% RH
Certification	CE/FCC/UL

Two/Four 10/100 Fast Ethernet ports   **Two USB ports**

Two PCI expansion slots
For Modem, WAN or other expansions

RS-232 for System Console

Ordering Guide

Part No.	Ethernet	EZIO	PCI Exp.
NAR-3020-410	4	Yes	2
NAR-3020-400	4	No	2
NAR-3020-210	2	Yes	2
NAR-3020-200	2	No	2