



# NAR-2053/2054

1U communication appliance rack-mount server  
with up to five Ethernet ports and two PCI expansion slots

## Feature

- Expandable Ethernet ports from 3 or 5
- Cost-effective solution
- Supports Compact Flash and Disk on Module (DOM)
- Two PCI expansion slots
- OS: support most updated Linux
- Load Factory-Default mechanism
- 2x16 LCD/keypad for friendly installation and operation interface
- Front-side access for user-friendly maintenance

## Specification

CPU Board	- Support VIA Eden ESP processor - VIA PLE 133 chipset with 100/133 FSB
System Memory	One 144-pin SODIMM up to 512MB
Ethernet Port	5/3 RealTek 8139C+ Fast Ethernet ports
PCI Expansion	Two PCI expansion slot, 5V only (3.3V for optional)
Storage Device	- One 2.5" HDD (cannot be used with CF in the same time) - CompactFlash (Optional with CF daughter card) - Disk on Module (DOM)
Serial port	- One DB9 (for system console) - One 2x5 pin-connector
LCD Panel	2x16 characters module LCD module with 4 buttons
LEDs	Indicators for power, and storage status
IDE	One 44-pin and one 40-pin IDE connector
USB	Pin header on board for two USB devices
VGA	Pin header on board
Power	Full-range PSU. AT 44W for NAR-2053/ ATX 85W for NAR-2054
Dimension	429(W) x 282(D) x 44(H) mm 16.89"(W) x 11.1"(D) x 1.73"(H)
Packaging Dimension	22.4"(W) x 17.3"(D) x 5.9"(H)
Weight	Gross: 5.6kg(12.35 lbs); Net: 3.6kg(7.94 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 (non-condensing)
Certification	CE/FCC

**Two USB ports (optional)**  
For Keyboard, Mouse or other  
USB devices

**VGA port (optional)**  
For development or Windows  
based applications



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**Two PCI expansion slots**  
For Modem or WAN cards

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## Ordering Guide

Part No.	CPU	Ethernet	EZIO	PCI Exp.
NAR-2053-510	VIA 533MHz	5	Yes	N/A
NAR-2053-310	VIA 533MHz	3	Yes	N/A
NAR-2054-511	VIA 533MHz	5	Yes	2
NAR-2054-311	VIA 533MHz	3	Yes	2