

# NAR-2090/2091

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



## FEATURE

- Cost-effective rack-mount solution
- Up to VIA C7 1.5GHz CPU performance
- 256MB memory and SODIMM socket on board
- Two PCI expansion slots supported
- Supports 3.5" HDD, Compact Flash and Disk on Module (DOM)
- Optional bypass function
- Front-side access for user-friendly maintenance
- Optional 2x16 LCD/keypad for installation and operation interface

## SPECIFICATION

CPU Board	- Support VIA C7/Eden series processor - VIA CN700 chipset with 400FSB
System Memory	- 256MB memory on board - One DDR2 SODIMM socket, supports up to 2GB
Ethernet Port	- 5x RealTek RTL8100C Fast Ethernet ports - One bypass segment for project base application
PCI Expansion	Two PCI slots (NAR-2091 only)
Storage Device	- CompactFlash - Disk on Module (DOM) - One IDE/SATA 3.5" HDD
Serial Port	- One DB9 for system console - One 2x5 pin-connector
LCD Panel	Optional
LEDs	Power status, data access, Ethernet status (LNK/ACT), Ethernet speed (10/100/1000) and bypass
IDE/SATA	- One 40-pin IDE connector - Two SATA connectors
USB	Two USB 2.0 ports, rear accessible
VGA	Built-in on-board 2x5 pin-header
Power	Full-range AT 65W PSU
Dimension	-(NAR-2090) 428(W) x 255(D) x 44(H) mm 16.85"(W) x 10.04"(D) x 1.73"(H) -(NAR-2091) 428(W) x 344(D) x 44(H) mm 16.85"(W) x 13.54"(D) x 1.73"(H)
Packing Dimension	22.05"(W) x 18.31"(D) x 14.37"(H) (2 in 1 packing)
Weight	-(NAR-2090) NarGross: 8.2kg (18.06 lbs) (2 in 1 packing) Net: 3kg (6.61 lbs) -(NAR-2091) NarGross: 10.8kg (23.79 lbs) (2 in 1 packing) Net: 4.5kg (9.91 lbs)
Operating Environment	- Temperature: 5 to 40°C (41 to 104°F) - Humidity: 20% to 90% RH
Storage Environment	- Temperature: 0 to 70°C (32 to 158°F) - Humidity: 5% to 95% RH
Certification	CE/FCC/UL

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



VGA port (optional)  
For development or windows based applications



Two PCI expansion slots

65W AT PSU

## ORDERING GUIDE

Part No.	CPU	Ethernet	Bypass	EZIO	PCI Exp.
NAR-2090-547	VIA C7 1.5GHz	5 FE	One segment	N/A	N/A
NAR-2090-557	VIA C7 1.5GHz	5 FE	One segment	Yes	N/A
NAR-2091-547	VIA C7 1.5GHz	5 FE	One segment	N/A	2
NAR-2091-557	VIA C7 1.5GHz	5 FE	One segment	Yes	2