



# NAR-7090

2U communication appliance rack-mount server with dual-core dual processors for high-performance application



## FEATURE

- Dual Intel® 51XX series CPU with 4M L2 cache/1333MHz FSB
- Flexible removable Ethernet/HDD modules
- Up to fourteen Gigabit Ethernet ports
- Up to three PCI-X expansion slots
- Redundant 400W ATX PSU
- Front access for user-friendly maintenance

## SPECIFICATION

CPU Board	- Support Intel® Quad Core™ X53XX/E53XX/L53XX series processors w/ 4MB*2 L2 cache - Intel® Dual Core™ 51XX series processors w/ 4MB L2 cache
System Memory	- Eight FB-DIMM DDR2 667/533 sockets - Supports up to 32GB ECC/registered memory
Ethernet Port	- Two PCI-Express Gigabit Ethernet ports (Intel® 82563) - Eight PCI-Express Gigabit Ethernet ports (Intel® 82571EB) - One flexible Ethernet modules with up to four Gigabit Ethernet ports
Expansion Slot	- Up to three PCI-X expansion slots or - One low profile PCI-X and one PCI-Express x4 slot
Storage Device	- Up to two 3.5" SATA HDD - CompactFlash - Support Disk on Module (DOM)
Serial Port	- One RJ45 connector for system console - One 2x5 pin-connector
LCD Panel	2x16 characters LCD module with 4-buttons
LEDs	LED indicator for power status and storage access
IDE	One CF-socket & one 40-pin connector
USB	Two USB 2.0 ports
VGA	N/A
Power	Full range 400W 1+1 redundant PSU
Dimension	443(W) x 512(D) x 88(H) mm 17.44"(W) x 20.1"(D) x 3.46"(H)
Packing Dimension	24.9"(W) x 24.9"(D) x 8.4"(H) (Subject to change without notice)
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



400W ATX PSU

## ORDERING GUIDE

Part No.	Ethernet Interface	EZIO	PCI-X Expansion
NAR-7090-1412	14 Copper GbE ports	Yes	3
NAR-7090-1413	6 Copper + 8 Fiber GbE ports	Yes	3
NAR-7090-1417	10 Copper + 4 fiber GbE ports	Yes	3

# NAR-7090

1U communication appliance rack-mount server with 2 PCI-E I/O modules and PCI-X expansion slot

## ABN-454

4 port copper w/ Intel® 82571EB



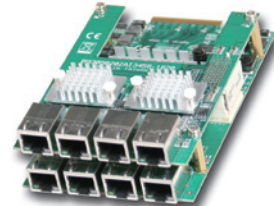
## ABN-464

4 port SFP w/ Intel® 82571EB



## ABN-458

8 port copper w/ 82571EB



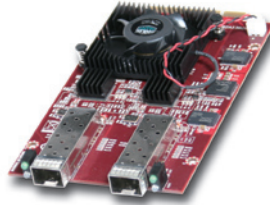
## ABN-484

4 port copper w/ Intel® 82571EB  
2 programmable bypass segments



## ABN-522

2 port SFP+10G card w/ Intel® 82598EB



## ABA-140

2 mgmt port/1 Console/2USB



NOTE: Fiber Bypass is optional for project base

Processor No	Clock GHz	FSB MHz	L2 Cache	Core Thread	Socket	TDP	Generation
Quad Core ECPD: E5335 / E5345							
X/E/L53XX	1.6~3.0	1333/1066	4M*2	4/4	LGA771	120W 80W 50W	Clovertown Clovertown LV 65nm
Dual Core ECPD: 5130 / 5140 / LV5138 / LV5148							
51XX	106~3.0	1333/1066	4M	2/2	LGA771	115W/65W	Woodcrest WC LV 65nm

Intel® I/O Acceleration Technology (Intel® I/OAT):  
Accelerates TCP/IP processing, delivers data-movement  
Efficiencies across the entire server platform, and  
minimizes system overhead.

