

# NAR-5650

1U High End Single Xeon® Server with up to 12 F/O and 4 RJ45 GbE Interfaces



## FEATURE

- Built with Intel® server chipset 3210, supports 1333MHz and Dual Channel DDR2 800/667
- Supports the latest 45nm Dual/Quad Core™ Xeon® 3000 series and Core™ 2 Quad/Duo CPUs
- 8 GbE ports on board with three bypass segments
- Up to 8GbE ports expandable with SFP or RJ45 interface
- Ready for 10G solution

## SPECIFICATION

CPU Board	- Built with Intel® server grade 3210 Chipset, supports 1333/1066MHz FSB - Supports the latest 45nm Dual Core™/Quad Core™ Xeon® 3000 series and Core™ 2 Duo/Core™ 2 Quad processors in LGA775 package
System Memory	- Dual channel DDR2 with four 240-pin DIMM sockets - Supports DDR2 800/667, ECC un-buffered memory up to 8GB
Ethernet Port	- Onboard Max. 6 PCI-E x1/x4 and two PCI32 GbE ports - Variable I/O combinations: 8 RJ45, 2 SFP & 6 RJ45 or 4 SFP & 4 RJ45 - Up to 8 GbE ports with RJ45 or SFP expandable - Support dual 10G ports through expansion module
Bypass feature	Up to 2 Gen.-2.0* bypass segments available
Expansion Slot	- One proprietary PCI-E x8 slot for Ethernet expansion with up to 8 RJ45/SFP GbE or dual 10G ports - One PCI-E x8 golden finger for expansion through backplane - One MiniPCI socket
Storage Device	- Support one 3.5" SATA HDD - One onboard Compact Flash socket for Type-I CF
Serial Port	- One front-access RJ45 connector for system console - One internal 2x5 pin-header for connection with EZIO or preferred device
LCD Panel	2x16 characters LCD module with 4 blue backlight and 4 buttons
LEDs	Power status, data access, Ethernet status (LNK/ACT), Ethernet speed (10/100/1000) and bypass
USB	Dual USB 2.0 ports, front accessible
VGA	MiniPCI module for option
Power	Full-range 350W PSU
Dimension	443 (W) x 457.2 (D) x 44 (H) mm; 17.4" (W) x 18" (D) x 1.73" (H)
Operating Environment	- Temperature: 5 to 40°C (41 to 104°F) - Humidity: 20%~90% RH
Storage Environment	- Temperature: 0 to 70°C (32 to 158°F) - Humidity: 5%~95% RH
Certification	CE/FCC/UL/cUL



350W ATX PSU

## ORDERING GUIDE

Part No.	PCI-E x4 GbE, SFP	PCI-E x4 GbE, RJ45	PCI-E x1 GbE, RJ45	PCI32 GbE, RJ45	Bypass Segment	EZIO	MiniPCI socket	Sample Schedule
NAR-5650-0810	-	-	6	2	3	Yes	Yes	Sep. 2008
NAR-5650-0875	4	-	2	2	2	Yes	Yes	Nov. 2008
NAR-5650-1611	-	8	6	2	3	Yes	Yes	Nov. 2008



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## ABN-522

PCI-E x8 Dual-10G module with SFP+ interfaces, based on Intel® 82598EB chip



## ABN-668

PCI-E x8 GbE module with 8 SFP interfaces, based on Intel® 82575EB



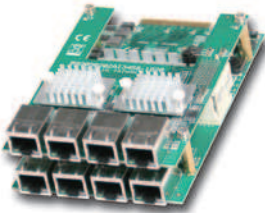
## ABN-664

PCI-E x8 GbE module with 4 SFP interfaces, based on Intel® 82575EB



## ABN-458

PCI-E x8 GbE module with 8 RJ45 interfaces, based on Intel® 82573L Chip



## ABN-454L

PCI-E x8 GbE module with 4 RJ45 interfaces, based on Intel® 82574L Chip



## ABN-484L

PCI-E x8 GbE module with 4 RJ45 interfaces and 2 Gen-2 Bypass segments, based on Intel® 82574L Chip



NOTE: Fiber Bypass is optional for project base

	ABN-522	ABN-668	ABN-664	ABN-458	ABN-454L	ABN-484L
Module Interface	PCI-E x8					
Ethernet Controller	82598EB	82575EB	82575EB	82573L	82574L	82574L
Ethernet Type	10G	GbE	GbE	GbE	GbE	GbE
Interface	2 SFP+	8 SFP	4 SFP	8 RJ45	4 RJ45	4 RJ45
Bypass Segment	N/A	N//A	N//A	N//A	N//A	N//A