



NAR-5510

1U server with PCI-Express Gigabit Ethernet and optional RAID and bypass function



FEATURE

- Four Gigabit Ethernet ports via x1 PCI-Express provide wire-speed like performance
- Variable combination with 2 or 4 32-bit Gigabit Ethernet ports (by model)
- Support most up-to-date LGA 775 CPUs up to 3.4GHz with 800MHz FSB
- Support dual channel DDR, up to 2GB
- Optional bypass function on four PCI-Express GbE ports
- Optional crypto solution: Cavium CN1010 to be built 32bit by project
- One rear-accessible PCI expansion slot
- Optional RAID 0,1 function with two 2.5" HDD by project

SPECIFICATION

CPU Board	- Support Intel® LGA 775 P4 processors up to 3.4GHz - Intel® 82915GV chipset with 800/533 MHz FSB
System Memory	- Dual channel DDR with two 184-pin DIMM sockets - Support DDR 333/400, un-buffered, none ECC, up to 2GB
Ethernet Port	- 4 x1 PCI-Express Gigabit Ethernet ports via Intel® 82573L - Up to six 32-bit Gigabit Ethernet ports via Intel® 82541PI
Bypass Function	- Two segments (four ports) on PCI-Express Gigabit ports - Hardware / software configurable
PCI Expansion	One PCI 32/33 expansion slot available, with rear-access I/O
Crypto Option	Location of on board Cavium CN1010 available for project
Storage Device	- One 3.5" SATA HDD as default - One compact flash socket for type-I CF card - Supports Disk on Module (DOM) - Optional two 2.5" hot-swappable HDDs with RAID 0, 1 function
Serial Port	- One front accessible RJ45 connector for system console - One internal 2x5 pin-header for connection with EZIO
LCD Panel	2x16 characters LCD module with 4-buttons
LEDs	LED indicators for power status, data access and bypass-status
USB	Two USB 2.0 ports, front accessible
VGA	On-board 2x5-pin connector for programming and debugging
Power	Full-range 250W ATX PSU
Dimension	429 (W) x 382 (D) x 44 (H) mm; 16.9" (W) x 15.0" (D) x 1.73" (H)
Weight	Gross: 11.1kg(24.47 lbs); Net: 6.5kg(14.33 lbs)
Operating Environment	- Temperature 5~40°C (41~113°F) for up to P4 2.8GHz processors. 5~35°C (41~95°F) for P4 3.0~3.4GHz processors. - Humidity 20%~90% RH
Storage Environment	- Temperature: -20 to 70°C (-4 to 158°F) - Humidity 20% to 90% RH
Certification	CE/FCC/UL/cUL



One PCI expansion slot

250W ATX PSU

ORDERING GUIDE

Part No.	PCI-E GbE	32bit GbE	Bypass	EZIO	PCI-Slot
NAR-5510-600	0	6	N/A	N/A	1
NAR-5510-610	4	2	N/A	Yes	1
NAR-5510B-610	4	2	2 Segments	Yes	1
NAR-5510B-810	4	4	2 Segments	Yes	1