



# NAR-5520

1U server with up to ten Gigabit Ethernet ports and two PCI expansion slots



## FEATURE

- Scalable from Intel® Core™ 2 Duo processor up to 2.14 GHz
- Up to Ten Gigabit Ethernet ports with two bypass segments
- Two PCI expansion slots
- Non-volatile memory on-board
- Support Compact Flash and Disk on Module (DOM)
- Load factory-Default mechanism
- Front access for user-friendly maintenance
- 2x16 LCD/Keypad for friendly installation and operation interface
- Optional crypto solution



## SPECIFICATION

|                       |  |
|-----------------------|--|
| CPU Board             | - Supports Intel® Core™ 2 Duo processor up to 2.14 GHz<br>- Intel® 945G chipset with 1066/800/533 MHz FSB  |
| System Memory         | - Up to 4GB DDR2 667/533/400 on two DIMM sockets   |
| Ethernet Port         | Six PCI-E x1 GbE ports, up to ten ports  |
| Bypass Feature        | Up to two Gen.-2.0* bypass segments available  |
| Expansion Slot        | Up to two PCI expansion slots, optional  |
| Storage Device        | - One 3.5" SATA HDD as default, up to two installable<br>- One compact flash socket for type-I CF card, supports DMA mode<br>- One 40-pin IDE connector supports DOM (Disk on Module)<br>- Removable 3.5" HDD design ready for project based request |
| Serial Port           | - One front accessible RJ45 connector for system console<br>- One internal 2x5 pin-header for connection with EZIO or preferred device   |
| LCD Panel             | 2x16 characters LCD module with 4 buttons  |
| LEDs                  | Power status, data access, Ethernet status/speed and bypass status   |
| USB                   | Two USB 2.0 ports, front accessible  |
| VGA                   | Build-in on-board 2x5 pin-header   |
| Power                 | Full-range 220W ATX PSU  |
| Dimension             | 431.8(W) x 355.2(D) x 44(H) mm<br>17"(W) x 14"(D) x 1.73"(H)   |
| Packing Dimension     | 22.4"(W) x 24.4"(D) x 8.7"(H)  |
| Weight                | Gross: 11kg (24.23 lbs); Net: 6.4kg (14.1 lbs)   |
| Operating Environment | - Temperature: 5 to 40°C (41 to 104°F)<br>- Humidity: 20%~90% RH   |
| Storage Environment   | - Temperature: 0 to 70°C (32 to 158°F)<br>- Humidity: 5%~95% RH  |
| Certification         | CE/FCC/UL  |



Two PCI expansion slots

220W ATX PSU

## ORDERING GUIDE

| Part No.     | PCI-E GbE           | EZIO | PCI Expansion |
|--------------|---------------------|------|---------------|
| NAR-5520-412 | 4 Copper GbE ports  | Yes  | 1             |
| NAR-5520-612 | 6 Copper GbE ports  | Yes  | 1             |
| NAR-5520-812 | 8 Copper GbE ports  | Yes  | 1             |
| NAR-5520-812 | 10 Copper GbE ports | Yes  | 1             |