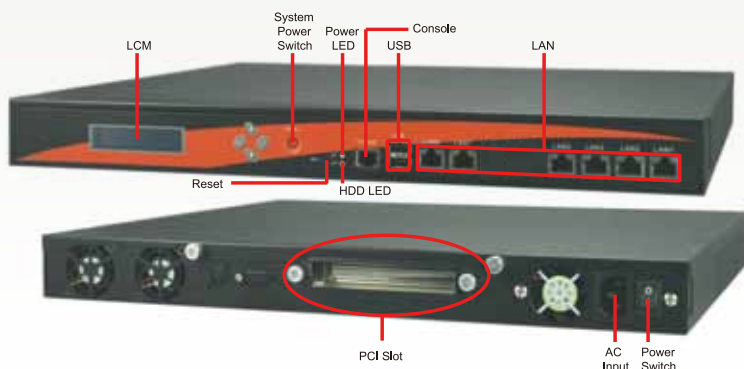


## AR-R5500/L8

1U Networking Rackmount with LGA775 for Core 2 Duo, Pentium 4,  
Celeron D, 6/8 x Giga LAN, PCI Slot



## Features

- ✓ Support Core 2 Duo, Pentium 4, Celeron D Processors
- ✓ Support Auto-MDIX, PXE Function, Console Redirection
- ✓ 6/8 x Intel Giga bps LAN
- ✓ PCI Expansion Slot

## SPECIFICATION

### System

<b>CPU</b>	Intel Core 2 Duo/Pentium 4/Celeron D up to 3.8GHz
<b>Chipset</b>	Intel 945GC + Intel ICH7/R
<b>Front Side Bus</b>	533/800MHz
<b>Memory</b>	2 x 240-pin DIMM socket support 400/533/667MHz Dual Channel DDR2 SDRAM up to 2GB
<b>BIOS</b>	Award
<b>WatchDog Timer</b>	Software programmable 1~255 sec.
<b>Security</b>	1. TPM 1.2 2. Infineon SLB9365 TT 1.2
<b>OS</b>	Windows 2000/XP, Linux Kernel 2.6.x and above

### Video

<b>Video Interface</b>	VGA (Onboard pin header)
------------------------	--------------------------

### Ethernet

<b>Chipset</b>	AR-R5500 : Intel 82541PI (Giga bps) x 2 Intel 82573L (Giga bps) x 4 AR-R5500L8 : Intel 82541PI (Giga bps) x 2 Intel 82573L (Giga bps) x 6
----------------	--

<b>Connector</b>	6/8 x RJ45
<b>LAN</b>	6/8 x Giga bps LAN
<b>PXE</b>	Yes
<b>Bypass LAN</b>	1 pair
<b>Auto-MDIX</b>	Yes

### Storage

<b>SATA</b>	2 x SATA 2 port
<b>CF</b>	1 x Compact Flash socket
<b>HDD Bay</b>	1 x 3.5"/2.5" HDD bracket

### I/O

<b>Serial Port</b>	2 x RS-232 (1 x RJ45, 1 x onboard pin header)
<b>USB Port</b>	4 x USB2.0 (2 x external port, 2 x onboard pin header)
<b>LCM</b>	16 x 2 characters LCD module with 4 buttons
<b>GPIO</b>	8-bit Digital I/O
<b>Keyboard/Mouse</b>	PS/2 keyboard and mouse pin header
<b>Expansion Slot</b>	1 x PCI slot

### Mechanical & Environment

<b>Dimension</b>	440mm x 370mm x 44mm
<b>Power Requirement</b>	Internal 300W Power Supply Input range 115V AC 60GHz ~ 230V AC 50Hz
<b>Operating Temp.</b>	0~40°C (32~104°F)
<b>Storage Temp.</b>	-20~80°C (-4~176°F)
<b>Relative Humidity</b>	0 to 90% @ 40°C, non-condensing
<b>Safety</b>	CE FCC class A

### Packing List

1. AR-R5500/L8 x 1
2. Driver CD x 1
3. Quick user manual x 1
4. Console cable x 1
5. VGA cable x 1
6. PS/2 keyboard and mouse cable x 1
7. SATA cable x 1

### Ordering Information

<b>AR-R5500</b>	1U Networking Rackmount with LGA775 for Core 2 Duo, Pentium 4, Celeron D, 6 x Giga LAN, PCI Slot
<b>AR-R5500L8</b>	Same as AR-R5500 but with 8 x Giga LAN

### CPU Support List

1. Intel Core 2 Duo E4300 1.8GHz, FSB 800MHz and 2MB L2 cache
2. Intel Pentium Dual-Core E2160 1.8GHz, FSB 800MHz and 1MB L2 cache
3. Intel Pentium 4 651 3.4GHz, FSB 800MHz and 2MB L2 cache
4. Intel Pentium 4 551 3.4GHz, FSB 800MHz and 1MB L2 cache
5. Intel Pentium 4 531 3.0GHz, FSB 800MHz and 1MB L2 cache
6. Intel Celeron D 352 3.2GHz, FSB 533MHz and 512KB L2 cache
7. Intel Celeron D 341 2.93GHz, FSB 533MHz and 256KB L2 cache