



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

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

Video

Video Interface	VGA (Onboard pin header)
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Ethernet

Chipset	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 4
Connector	6/8 x RJ45

LAN	6/8 x Giga bps LAN
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PXE	Yes
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Bypass LAN	1 pair
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Auto-MDIX	Yes
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Storage

SATA	2 x SATA II port
HDD	1 x IDE(40-pin)
CF	1 x Compact Flash socket (HDD and CF share one IDE channel)
HDD Bay	1 x 3.5"/2.5" HDD bracket

I/O

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

Mechanical & Environment

Dimension	440mm x 370mm x 44mm
Power Requirement	Internal 300W Power Supply Input range 115V AC 60GHz ~ 230V AC 50Hz
Operating Temp.	0~40°C (32~104°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90% @ 40°C, non-condensing
Safety	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
8. IDE cable x 1 (40-pin)

Ordering Information

AR-R5500	1U Networking Rackmount with LGA775 for Core 2 Duo, Pentium 4, Celeron D, 6 x Giga LAN, PCI Slot
AR-R5500L8	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