



Features

- ✔ Support Intel Core 2 Quad, Core 2 Duo and Celeron Processors
- ✔ 6 to 10 PCIe Giga bps Ethernet or 8 PCIe Giga bps Ethernet plus 2 Optical Fiber SFP
- ✔ Flexible Extension Ethernet Module
- ✔ One or Two Pair LAN Bypass
- ✔ 4 x DDR2 DIMM Slot, Maximum 8GB

Specification

System	
CPU	Support Intel Core 2 Quad/Core 2 Duo/Celeron Up to 3.0GHz+
Chipset	Intel Q35 + Intel ICH9R
Front Side Bus	800/1066/1333MHz
Memory	4 x 240-pin DIMM socket support 667/800MHz Dual Channel DDR2 SDRAM up to 8GB
BIOS	1. Award 2. Support console redirection 3. Support PXE
WatchDog Timer	Software programmable 1~255 sec.
Security	TPM 1.2 (Infineon chip)
OS	Windows XP/XP Embedded, Linux
Video	
Video Interface	VGA (Onboard pin header)
Ethernet	
Chipset	AR-R5700 : Intel 82574L (Giga bps) x 6 AR-R5700L10 : Intel 82574L (Giga bps) x 10 AR-R5700L8F2 : Intel 82574L (Giga bps) x 8 Intel 82575EB (Giga bps) x 2 (Fiber port)
Connector	RJ45 for Copper Ethernet SFP cage for Optical Fiber Ethernet
LAN	AR-R5700 : 6 x PCI Express Giga bps Ethernet AR-R5700L10 : 10 x PCI Express Giga bps Ethernet AR-R5700L8F2 : 8 x PCI Express Giga bps Ethernet and 2 x Giga bps Fiber port
Bypass LAN	AR-R5700 : One pair AR-R5700L10 : Two pairs AR-R5700L8F2 : Two pairs
Auto-MDIX	Yes
Storage	
SATA	2 x SATA 2 port
SSD	1 x Compact Flash socket support UDMA
HDD Bay	Disk bay for one 3.5" or 2.5" hard drive
I/O	
Serial Port	2 x RS-232 (1 x RJ45 for console, 1 x onboard pin header for LCD Module)
USB Port	4 x USB2.0 (2 x external port, 2 x onboard pin header)
Mini PCI	1 x Mini-PCI socket
LCM	16 x 2 characters LCD module with 4 user define buttons
GPIO	8-bit Digital I/O (Onboard pin header)
Keyboard/Mouse	PS/2 keyboard and mouse pin header

Mechanical & Environment

Dimension	440mm x 448mm x 44mm
Power	100-240V AC, 60-50 Hz
Requirement	
Operating Temp.	0~50°C (32~113°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90% @ 40°C, non-condensing (95% @ 40°C, non-condensing by request)
Safety	CE, FCC class A

Packing List

1. AR-R5700/L8F2/L10 x 1
2. Driver CD x 1
3. Quick user manual x 1
4. Console cable x 1
5. VGA cable x 1
6. Power cord (Optional for USA/EU type) x 1
7. SATA cable x 1
8. PS/2 keyboard and mouse cable x 1

Ordering Information

AR-R5700	1U Rackmount Networking Platform Powered by Intel Q35 with Core 2 Quad/Duo, 6 x Giga LAN, 2 x COM, 4 x USB2.0
AR-R5700L8F2	Same as AR-R5700 but with 8 x Giga LAN, 2 x Fiber SFP
AR-R5700L10	Same as AR-R5700 but with 10 x Giga LAN

CPU Support List

1. Intel Core 2 Duo E8400 3.0GHz, FSB 1333MHz and 6MB L2 cache
2. Intel Core 2 Duo E6400 2.13GHz, FSB 1066MHz and 2MB L2 cache
3. Intel Core 2 Duo E4300 1.8GHz, FSB 800MHz and 2MB L2 cache
4. Intel Pentium Dual-Core E2160 1.8GHz, FSB 800MHz and 1MB L2 cache
5. Intel Celeron 440 2.0GHz, FSB 800MHz and 512KB L2 cache