



## Features



- ✔ Support Intel Tolapai 600MHz/1.2GHz
- ✔ Support PXE Function
- ✔ Support Console Redirection
- ✔ 6/10 x Giga bps LAN

## Specification

### System

<b>CPU/Chipset</b>	Intel Tolapai 600MHz/1.2GHz with Intel Quick Assist Technology
<b>Memory</b>	1. 2 x 240-pin DIMM socket support 400/533/667/800MHz DDR2 SDRAM up to 4GB 2. Support ECC and Non-ECC Mode 3. 1GB Non-ECC DDR2 DIMM module pre-installed
<b>BIOS</b>	Award
<b>WatchDog Timer</b>	Software programmable 1~255 sec.
<b>OS Support</b>	Red Hat Enterprise Linux 5 (2.6.18 kernel) FreeBSD 6.2

### Ethernet

<b>Chipset</b>	LAN1-3: Tolapai integrated Mac + Marvell 88E1141 PHY LAN4-8: Intel 82574L (Giga bps) LAN9-10: Intel 82575EB (Giga bps)
<b>Connector</b>	6 x RJ45 8 x RJ45 + 2 x SFP (Option)
<b>LAN</b>	6/10 x Giga bps LAN
<b>PXE</b>	Yes
<b>Bypass LAN</b>	LAN1 and LAN2 support

### Storage

<b>SATA</b>	2 x SATA port
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### I/O

<b>Serial Port</b>	COM1: RS-232 (RJ45) COM2: RS-232 (Reserved for AR-LCM01)
<b>USB Port</b>	2 x USB2.0 (2 x external port)
<b>LCM</b>	16 x 2 characters LCD module with 4 button
<b>GPIO</b>	8-bit Digital I/O (4 In, 4 Out)

### Mechanical & Environment

<b>Dimension</b>	442mm x 371mm x 44mm
<b>Power Supply</b>	90-246V AC in, 12V out, 108W
<b>Operating Temp.</b>	0~45°C (32~113°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-R5100FL x 1
2. Driver CD x 1
3. Quick user manual x 1
4. Power Cord (USA or UK or Japan or Europe) x 1
5. Console cable x 1
6. SATA cable x 1
7. SATA power cable x 1
8. Screw pack x 1
9. HDD bracket x 1
10. Bracket for 1U Rackmount 19" x1

### Ordering Information

<b>AR-R5100FLTP6</b>	1U Networking Rackmount with Intel Tolapai 600MHz, 6 x Giga LAN (RJ45), 1GB DDR2
<b>AR-R5100FLTP12</b>	1U Networking Rackmount with Intel Tolapai 1.2GHz, 6 x Giga LAN (RJ45), 1GB DDR2
<b>AR-R5100FLTP6L8F2</b>	1U Networking Rackmount with Intel Tolapai 600MHz, 10 x Giga LAN (8 x RJ45 + 2 x SFP), 1GB DDR2
<b>AR-R5100FLTP12L8F2</b>	1U Networking Rackmount with Intel Tolapai 1.2GHz, 10 x Giga LAN (8 x RJ45 + 2 x SFP), 1GB DDR2