



Features

- ✓ VIA C7 1GHz
- ✓ 2 x Giga LAN, 2 x 10/100Mbps LAN
- ✓ LAN Bypass Function (AR-M0898A)
- ✓ Built in Hardware Security Engine :
 - RNG
 - AES Encryption
 - Secure Hash SHA-1 & SHA-256

SPECIFICATION

System

CPU	VIA C7 1GHz
Chipset	VIA CN700 + VT 8251
Memory	2 x 200-pin SO-DIMM socket support 400/533MHz DDR2 SDRAM up to 2GB
BIOS	Award
WatchDog Timer	Software programmable 1~63 sec.
OS	Windows XP/XP Embedded, Linux

Video

Video Interface	VGA (Onboard pin header)
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Ethernet

Chipset	AR-M0898A : Broadcom BCM5787 (Giga bps) x 2 Broadcom BCM4401 (10/100Mbps) x 2 AR-M0898B : Broadcom BCM5906 (10/100Mbps) x 2 Broadcom BCM4401 (10/100Mbps) x 2
Connector	RJ45
LAN	AR-M0898A : 2 x Giga LAN + 2 x 10/100Mbps LAN AR-M0898B : 4 x 10/100Mbps LAN
PXE	Yes
Bypass LAN	AR-M0898A Only
Auto-MDIX	Yes

Storage

SATA	2 x SATA 1 port
IDE	2 x IDE (1 x 44-pin, 1 x 40-pin)
CF	1 x Compact Flash socket
HDD Bay	1 x 2.5" HDD bracket

I/O

Serial Port	1 x RS-232 (1 x DB9)
USB Port	6 x USB2.0 (2 x external port, 4 x onboard pin header)
Mini PCI	1 x Mini-PCI slot
GPIO	8-bit Digital I/O
Keyboard/Mouse	PS/2 keyboard and mouse pin header

Mechanical & Environment

Dimension	242mm x 148.5mm x 34mm
Power Requirement	DC: single voltage +12V (Default)
Operating Temp.	0~40°C (32~104°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	5 to 90% @ 40°C, non-condensing
Safety	CE FCC class A

Packing List

1. AR-M0898A/B 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. Power cord (Optional for USA or EU type) x 1
8. Power adaptor x 1

Ordering Information

AR-M0898A	MicroBox with VIA C7 1GHz, 2 x Giga LAN, 2 x 10/100Mbps LAN, CF+Type II, Mini-PCI Slot, Serial Port, USB2.0 Port
AR-M0898B	Same as AR-M0898A but with 4 x 10/100Mbps LAN