



Features

- ✓ MicroBox Solution
- ✓ Support Celeron M/Pentium M CPU
- ✓ Support Auto-MDIX
- ✓ Support PXE Function
- ✓ Support Console Function

SPECIFICATION

System

CPU	Socket 478 support Intel Pentium M/Celeron M CPU
Chipset	Intel 852GM + Intel ICH4
Front Side Bus	400MHz
Memory	1 x 200-pin SO-DIMM socket support 200/266MHz DDR SDRAM up to 1GB, onboard 128MB DDR SDRAM
BIOS	Award
RTC	Chipset Included
WatchDog Timer	Software programmable 1~255 sec.
OS	Windows 2000/XP, Linux6.5 and above

Ethernet

Chipset	Broadcom BCM4401 (10/100Mbps) x 4
Connector	RJ45
LAN	4 x 10/100Mbps LAN
PXE	Yes
Bypass LAN	N/A
Auto-MDIX	Yes

Storage

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	2 x RS-232 (1 x DB9, 1 x onboard pin header)
USB Port	4 x USB2.0 (2 x external port, 2 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	265mm x 167.5mm x 41mm
Power Requirement	+12V Input: AC power adapter, Input range 100V AC 60GHz ~ 240V AC 50GHz
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-M9942/C x 1
2. Driver CD x 1
3. Console cable x 1
4. VGA cable x 1
5. PS/2 keyboard and mouse cable x 1
6. Power cord (Optional for USA or EU type) x 1
7. Power adaptor x 1
8. CPU Fan x 1

Ordering Information

AR-M9942	MicroBox with Celeron M 600MHz, 4 x 10/100Mbps LAN, CF, Mini-PCI Slot, Serial Port, USB2.0 Port
AR-M9942C	Same as AR-M9942 but with CPU socket
Optional CPU	<ol style="list-style-type: none"> 1. Intel Pentium M 745 1.8GHz, FSB 400MHz and 2MB L2 cache 2. Intel Pentium M 1.6GHz, FSB 400MHz and 1MB L2 cache 3. Intel Celeron M 370 1.5GHz, FSB 400MHz and 1MB L2 cache 4. Intel Celeron M 320 1.3GHz, FSB 400MHz and 512KB L2 cache