



Features

- ✓ Intel 910GMLE + ICH6M
- ✓ Support Celeron M 1GHz/600MHz
- ✓ VGA/DVI/LVDS
- ✓ 1 x Giga LAN and 1 x 10/100 LAN
- ✓ PCI-104 Interface
- ✓ Anti-Shock 2.5" HDD Mounting Kit
- ✓ COM, USB2.0, GPIO, SATA, IDE, CFII, Audio

Specification

System	
CPU	Onboard Intel Celeron M 1GHz Zero L2 cache/600MHz 512K L2 cache
Chipset	Intel 910GMLE + Intel ICH6M
Front Side Bus	400MHz
Memory	1 x 200-pin SO-DIMM socket support 400MHz DDR2 SDRAM up to 1GB, 1GB DDR2 pre-installed
Battery	Lithium Battery, 3V 220mAH
BIOS	Award
RTC	Yes
Hardware Monitoring	1. CPU voltage 2. CPU and system temperature 3. System and CPU Fan speed 4. System Fan speed control
WatchDog Timer	Software programmable 1~255 sec.
OS	Windows XP/XP Embedded/2000/CE, Linux
Video	
Video Controller	Intel 910GMLE integrated GMA 900 graphic controller
Video Interface	1 x VGA port 1 X DVI port 1 x Dual Channel 18-bit LVDS port
Ethernet	
Connector	2 x RJ45
Controller	Intel 82541PI (Giga bps) Intel 82562EZ PHY (10/100Mbps)
Storage	
IDE	1 x E-IDE (44-pin)
HDD Bay	Anti-shock drive bay for 2.5" HDD
SATA	1 x SATA 1 port
SSD	1 x Compact Flash Type II socket
I/O	
Serial Port	3 x RS-232, 1 x RS-232/422/485 (4 x DB9)
USB Port	4 x USB2.0 (2 x external port, 2 x onboard pin header)
Audio	Stereo Audio output
GPIO	8-bit Digital I/O
Keyboard/Mouse	PS/2 keyboard and mouse connector
Expansion Slot	1 x PCI-104 slot

Mechanical & Environment	
Construction	Aluminum and Metal
Color	Black
Dimension	251mm x 165mm x 67mm (W x D x H)
Power Supply	60 Watt AC to DC 12V power adaptor 110~240V AC input Lockable DC plug-in jack Power module : AR-B9427
Power Requirement	AT : 12V single voltage input
Indicator	Power LED HDD LED
Operating Temp.	0~50°C (32~122°F)
Storage Temp.	-20~60°C (-4~140°F)
Relative Humidity	0 to 90% @ 40°C, non-condensing
Safety	CE FCC class A

Packing List	
1.	AR-ES5231FL x 1
2.	Quick user guide x 1
3.	Utility CD x 1
4.	1GB memory pre-installed
5.	2.5" anti-shock HDD mounting kit x 1
6.	2.5" HDD cable (44-pin) x 1
7.	PS/2 keyboard and mouse cable x 1
8.	SATA cable x 1
9.	SATA power cable x 1
10.	Power adapter x 1
11.	AC power cord (Optional for USA/EU/UK type) x 1
12.	Mounting bracket x 2
13.	Screw pack x 2

Ordering Information	
AR-ES5231FLCM1GZC	AR-ES5231FL with Intel Celeron M 1GHz Zero L2 cache, 1GB DDR2 and 60W power adapter
AR-ES5231FLCM6C	AR-ES5231FL with Intel Celeron M 600MHz 512K L2 cache, 1GB DDR2 and 60W power adapter