



Features

- ✓ Intel 945GME + ICH7M
- ✓ Support Core 2 Duo/Core Duo/Celeron M
- ✓ VGA/DVI/LVDS/TV-Out
- ✓ Dual Giga LAN
- ✓ PCI-104 Expansion
- ✓ Anti-Shock 2.5" HDD Mounting Kit
- ✓ Audio, USB2.0, IDE, CFII, COM, GPIO, SATA

Specification

System

CPU	Socket M support Intel Core 2 Duo/Celeron M
Chipset	Intel 945GME + Intel ICH7M
Front Side Bus	533/667MHz
Memory	<ul style="list-style-type: none"> • 1 x 200-pin SO-DIMM socket support 533/667MHz DDR2 SDRAM up to 2GB • 1GB pre-installed

Video

Graphic Controller	Intel 945GME integrated GMA 950 graphic controller
Video Memory	DVMT 3.0, Maximum 224MB shared.
Video Interface	<ul style="list-style-type: none"> • 1 x VGA port (DB15) • 1 x DVI port • 1 x Dual Channel 18-bit LVDS port • 1 x TV-Out (S-Video)

Storage

IDE	1 x E-IDE (44-pin)
SATA	1 x SATA II port
CF	1 x External Compact Flash Type I/II slot
Disk Bay	1 x Anti-shock 2.5" HDD/SSD bracket

Communication

Ethernet	2 x Gbps RJ45 with LED, Broadcom BCM5787
USB	4 x USB2.0 (2 x external port, 2 x pin header)
Serial Port	<ul style="list-style-type: none"> • 1 x RS-232/422/485 (DB9) (jumper-selectable) • 3 x RS-232 (DB9) • Automatic RS-485 data flow control

Expansion

PCI Slot	1 x PCI-104
PCI Express Slot	-
miniPCIe	-

Other Feature

PS/2	1 x PS/2
Audio	Line -Out
Hardware	<ul style="list-style-type: none"> • CPU voltage
Monitoring	<ul style="list-style-type: none"> • CPU and system temperature
WatchDog Timer	Software programmable 1~255 sec.
Indicator	HDD and Power LED
GPIO	8-bit Digital I/O

Power Requirement

Power Input	12(+/-5%) VDC, Lockable DC jack
Power Adaptor	100~240VAC, 60W power adaptor
Power Consumption	45.2W without external devices

Software

OS Support	Windows XP/XP Embedded/2000/CE, Linux
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Mechanical & Environment

Thermal Design	Fanless
Chassis Material	Aluminum
Dimension (W x D x H)	251mm x 165mm x 67mm (9.89" x 6.50" x 2.64")
Operating Temp.	0~50°C (32~122°F)
Storage Temp.	-20~60°C (-4~140°F)
Safety	CE, FCC class A

Packing List

- 1 x AR-ES5430FL
- 1 x Quick user guide
- 1 x Utility CD
- 1GB memory pre-installed
- 1 x 2.5" anti-shock HDD mounting kit
- 1 x HDD cable (44-pin)
- 1 x PS/2 keyboard and mouse cable
- 1 x 60W Power adapter
- 1 x AC power cord (Optional for USA/EU/UK type)
- 2 x Mounting bracket
- 2 x Screw pack

Ordering Information

AR-ES5430FLT74	AR-ES5430FL with Intel Core 2 Duo T7400 2.16GHz, 1GB DDR2 and 60W power adapter
AR-ES5430FLT25	AR-ES5430FL with Intel Core Duo T2500 2.0GHz, 1GB DDR2 and 60W power adapter
AR-ES5430FL530	AR-ES5430FL with Intel Celeron M 530 1.73GHz, 1GB DDR2 and 60W power adapter
AR-ES5430FL440	AR-ES5430FL with Intel Celeron M 440 1.86GHz, 1GB DDR2 and 60W power adapter