



Features

- ✓ Support Core 2 Duo/Core Duo/Celeron M
- ✓ VGA/DVI
- ✓ 8-bit GPIO (4 In, 4 Out)
- ✓ GPS/GPRS/WiFi Module Option

Specification

System

CPU	Socket M support Intel Core 2 Duo/Core Duo/Celeron M
Chipset	Intel 945GME + Intel ICH7M
Front Side Bus	533/667MHz
Memory	1 x 200-pin SO-DIMM socket support 533/667MHz DDR2 SDRAM up to 2GB, 1GB pre-installed
OS Support	Windows XP Embedded, Linux FC6/7

Video

Video Controller	Intel 945GME integrated GMA 950 graphic controller
Video Interface	1 x VGA port 1 x DVI port

Storage

IDE	1 x IDE (44-pin)
SATA	1 x SATA II port
CF	1 x Compact Flash Type II socket
HDD Bay	Anti-shock drive bay for 2.5" HDD

I/O

Serial Port	4 x RS-232 (2 x DB9, 2 x internal RS-232 for GPS/GPRS option)
USB Port	4 x USB2.0 (3 x external, 1 x internal USB for WiFi option)
GPIO	8-bit GPIO (4 In, 4 Out)
Ethernet	2 x RJ45 (10/100/1000), Broadcom BCM5787
Audio	MIC-In, SPK-Out
Keyboard/Mouse	PS/2 keyboard and mouse connector
Remote	1 x Remote control
Fuse	15A for 12V, 0.5A for 24V
Antenna Hole	1 x GPS, 1 x GPRS, 1 x WiFi

Expansion

Module (Option)	1. 1 x PCI -104 module space 2. USB wireless LAN module 3. RS-232 GPRS/GSM module (Default COM3) 4. RS-232 GPS module (Default COM4)
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Power

Power Module

- Wide range input DC 9V~32V
- Fuse Design
- Smart ATX power function
 - Power on/off retry
 - Adjustable delay time for system OFF by Switch on power module (Mode2~Mode7)
 - System on/off by Vehicle ignition or Remote switch button

Mechanical & Environment

Color	Black
Dimension (W x D x H)	279mm x 176mm x 67.2mm 319mm x 210mm x 83mm (With bracket)
Vibration	IEC 60068-2-64 5~500Hz, 2GRMS for CF, 3GRMS for SSD
Shock	IEC 60068-2-27 50G-500m/s ² -11ms
Operating Temp.	0~50°C (32~122°F) for Industrial grade CF
Storage Temp.	-40~80°C (-40~176°F)
Certification	CE, FCC class B, EMark 13

Packing List

- AR-V5430FL x 1
- Quick user guide x 1
- Utility CD x 1
- 1GB memory pre-installed
- SATA cable x 1
- SATA power cable x 1
- Remote switch cable x 1
- Terminal block (Female) x 1
- Fuse for 24V input x 1
- HDD bracket and screw x 1
- Mounting bracket x 1
- Screw pack x 1

Ordering Information

AR-V5430FLT74	AR-V5430FL with Core 2 Duo T7400 2.16GHz, 1GB DDR2 and AR-PW0932V
AR-V5430FLT25	AR-V5430FL with Core Duo T2500 2.0GHz, 1GB DDR2 and AR-PW0932V
AR-V5430FL440	AR-V5430FL with Celeron M 440 1.86GHz, 1GB DDR2 and AR-PW0932V