

AR-V5430FL

Fanless and Dustproof Intel 945GME Core 2 Duo Vehicle PC



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	<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 256MB shared
Video Interface	<ul style="list-style-type: none"> • 1 x VGA port (DB15) • 1 x DVI port

Storage

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

I/O

Ethernet	2 x Gbps RJ45 with LED, Broadcom BCM5787
Serial Port	4 x RS-232 (2 x DB9, 2 x pin header for GPS/GPRS option)
USB	4 x USB2.0 (3 x external port, 1 x pin header for WiFi option)
GPIO	8-bit GPIO (4 In, 4 Out)
PS/2	1 x PS/2
Audio	MIC-In, SPK-Out
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)	<ul style="list-style-type: none"> • 1 x PCI -104 module space • USB wireless LAN module • RS-232 GPRS/GSM module (Default COM3) • RS-232 GPS module (Default COM4)
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Software

OS Support	Windows XP Embedded, Linux FC 6/7
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Power

Power Module	<ul style="list-style-type: none"> • Wide range input DC 9V~32V • Fuse Design • Smart ATX power function: <ol style="list-style-type: none"> a. Power on/off retry b. Adjustable delay time for system OFF by Switch on power module (Mode2~Mode7) c. System on/off by Vehicle ignition or Remote switch button d. Low Power input monitoring, Auto shutdown
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Power Consumption	50W without external devices, 4.1A@12V
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Mechanical & Environment

Thermal Design	Fanless
Chassis Material	Aluminum
Dimension (W x D x H)	279mm x 176mm x 67.2mm (10.98" x 6.93" x 2.65") 319mm x 210mm x 83mm (12.56" x 8.27" x 3.27", With bracket)
Weight	Net: 2.9kg (6.4Lb)
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.	-20~50°C (-4~122°F) for Industrial grade CF
Storage Temp.	-40~80°C (-40~176°F)
Certification	CE, FCC class B, EMark 13

Packing List

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

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