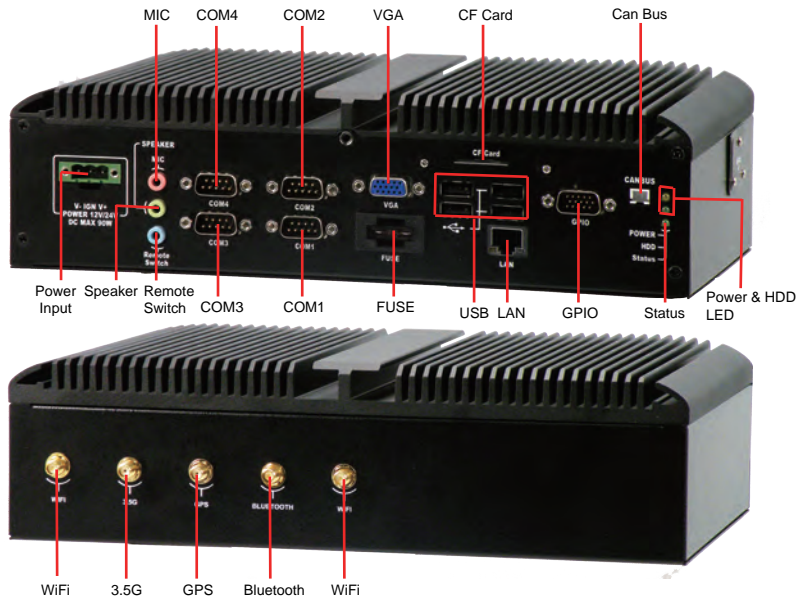


AR-V6002FL

Fanless and Dustproof Intel Atom D425/D525 Vehicle Computer



Features

- ✔ Support Intel Atom D425/D525
- ✔ Internal GPS/3.5G/WiFi/Bluetooth module option
- ✔ CAN Bus support CAN 2.0A/2.0B protocol
- ✔ 12V/24V power input for standard car battery
- ✔ Smart power management with low power protection, ignition control, on/off delay, and software to control delay timing.

Specification

System	
CPU	Intel Atom D425/D525
Chipset	Intel ICH8M
Memory	One DDR3 SO-DIMM socket, support up to 4G 1G pre-install
Video	
Graphic Controller	Integrated within Atom D425/D525
Video Memory	N/A
Video Interface	• 1 x VGA port (DB15)
Storage	
IDE	N/A
SATA	2 x SATA II port
CF	1 x External Compact Flash Type I/II socket
Disk Bay	1 x 2.5" Disk bay with Anti-vibration/Anti-shock solution for SSD only
I/O	
Expansion Slot	2 x mini-PCIe (Reserve for WiFi and 3.5G)
Ethernet	1 x GbE RJ45, Realtek 8111D
Serial Port	2 x RS-232/422/485, 2 x RS-232
USB	4 X USB 2.0
GPIO	8-bit GPIO (4 In, 4 Out)
Audio	1 x MIC in, 1 x Audio out, 1 x Remote switch
Antenna Hole	1 x SMA for GPS, 1 x SMA for 3.5G, 2 x SMA for WiFi, 1 x SMA for Bluetooth
SIM	SIM Slot x 1, SIM card changeable without opening case, latch to protect SIM uncertainly touch
CAN BUS	2 pin JST connector, support CAN 2.0A/2.0B protocol
Others	
GPS(option)	GPS Module (Internal USB)
3.5G(option)	3.5G Module (Mini PCIe 1)
WiFi(option)	Wifi (Mini PCIe 2)
Bluetooth(option)	Bluetooth module (Internal USB)
Hardware Feature	
WatchDog Timer	Software programmable 0~255 sec.
Software	
OS S	x fedora 12

Power	
Power Input	Power onboard design (AR-B6002) <ul style="list-style-type: none"> • 12V and 24V input seletable by jumper • 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) (Default is mode 2) c. System on/off by Vehicle ignition or Remote switch button d. Low Power input monitoring, Auto shutdown • S/W configurable • Remote switch(audio jack) • System status LED(blue)

Mechanical & Environment	
Dimension(W x D x H)	(L) 280 x (W) 181.5 x (H) 76.8 (mm)
Operating Temp.	-20~50°C (-4~122°F)
Storage Temp.	-40~80°C (-40~176°F)
Safety	CE/FCC class B / E-Mark 13

Packing List	
•	1 x AR-V6002FL
•	1 x User Guide CD with driver
•	2 x Wall Mount Bracket
•	1 x Screw pack (2.5" HDD bracket : 4pcs)
•	1 x Terminal block (Plug-DC connector)
•	1 x Remote Switch Cable
•	1 x Antenna for GPS (option)
•	2 x Antenna for WiFi (option)
•	1 x Antenna for 3.5G (option)
•	1 x Antenna for Bluetooth (option)
•	1 x Fuse 7.5A
•	1 x SATA and SATA power cable

Ordering Information	
AR-V6002FLD4	AR-V6002FL with Intel Atom D425 1.8GHz, 1GB DDR2
AR-V6002FLD5	AR-V6002FL with Intel Atom D525 1.8GHz, 1GB DDR2

Optional: (Purchase Separately)	
3.5G Module	Sierra MC8790 or Huawei EM770W support GSM/GPRS/EDGE/UMTS/HSDPA
GPS Module	Wieson ZYM-5020
Wifi Module	AW-NE768 WiFi-105E support IEEE 802.11 b/g/n
Bluetooth Module	QBTM400-01, Bluetooth V2.1 with EDR support

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