

AR-V6002FL Fanless Vehicle Computer System

Specifications

CPU	Supports Intel ATOM D45/D525 Processor
System Chipset	Intel® ICH8M Chipset
System Memory	1 x DDR3 SO-DIMM Memory (Max 4GB)
Storage	1 x 2.5" Disk bay with Anti-vibration/Anti-shock solution for SSD only 1 x External Compact Flash Type I/II socket 2 x SATA II port
I/O Connector	4 X USB 2.0 , 2 x USB 2.0 pin header 2 x RS-232/422/485 2 x RS-232, 1 x RS-232 pin header 1 x GbE RJ45, Realtek 8111D 1 x 8-bit GPIO (4 In, 4 Out) 2 pin JST connector , support CAN 2.0A/2.0B protocol 1 x VGA 1 x MIC in , 1 x Audio out , 1 x Remote switch 1 x SIM Slot, SIM card changeable without opening case, latch to protect SIM uncertainly touch Antenna Hole: 1 x SMA for GPS, 1 x SMA for 3.5G, 2 x SMA for WIFI, 1 x SMA for Bluetooth
Expansion Slot	2 x mini-PCIe(Reserve for WIFI and 3.5G)
WatchDog Timer	0~255 sec. software programmable
Indicator	Power / HDD/ Stauts LED
Power Input	9~32 V (+/-5%) single voltage input, 3 poles terminal block
Power Consumption	Max Load 47W
Operating System	Windows XP/XP embedded/Windows 7/ Linux fedora 12
Shock	IEC 60068-2-27 50G 11ms
Vibration	IEC 60068-2-64 5~500Hz, 2GRMS for CF, 3GRMS for SSD
Operation Temperature	-4°F ~ 122 °F (-20°C ~ 50°C)
Net Weight	5.94 lbs (2.7 kg)
Dimemnsion(WxDxH)	11.02" x 7.15" x 3.02" (280 x 181.5 x 76.8mm)
Certification	CE, FCC class B , E-Mark



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Mechanical Drawing

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

Optional Modules

- 100070084 1 x Sierra MC8705 with RF cable, Cable Antenna
- 100070053 Huawei EM770W 3.5G Module with RF cable, screw, Antenna(L=3M)
- 100070055 WIESON ZYM-5020, Cable Antenna (L=5M)
- 100070054 AW-NE768 WiFi-105E IEEE 802.11 b/g/n, Antenna x 2
- 100070056 Qcom QBTM400-01, Antenna

