

Agent336 NEW

Fanless Embedded System with i.MX 8M Processor, COM, LAN, USB, DIO (2-in/2-out), Isolated CANBus, 2 PCIe Mini Card Slots, Power Design with ACC Ignition and E-Mark Certification for Vehicle Box PC

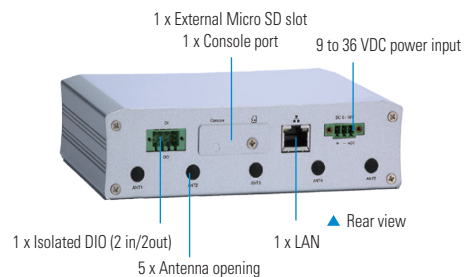
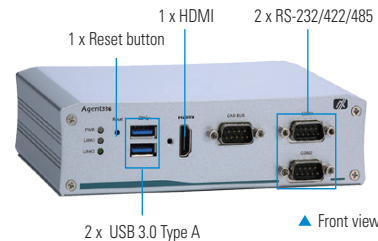
Features

- RISC-based module (i.MX 8M) processor
- 2GB LPDDR4 memory onboard
- 8GB eMMC onboard
- 9 to 36 VDC wide range power input with terminal block
- Ready-to-run embedded Linux/Android operating system
- Wide operating temperature range from -40°C to +70°C
- E-Mark Certified
- Intelligent solution of vehicle power management (ACC ignition)



Specifications

Construction	Extruded aluminum and heavy-duty steel, IP40
CPU	NXP i.MX 8M Arm® Cortex®-A53, QuadLite 1.3GHz
System Memory	1 x 2GB LPDDR4 onboard
Chipset	SoC integrated
System I/O Outlet	2 x RS-232/422/485 1 x HDMI 1 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 Type A 1 x Isolated CANBus (D-SUB 9) 1 x Isolated 2-in/2-out DIO (TB 2 x 4P) 1 x RTC battery (for CR2032) *more than 5 years 1 x Reset button 1 x Console port 1 x Buzzer 5 x Antenna opening
Watchdog Timer	256 levels, 0 to 128 sec.
Storage	1 x eMMC 8GB onboard 1 x Micro SD card socket
Expansion Interface	1 x PCI Express Mini Card socket (USB & PCIe interface) 1 x PCI Express Mini Card socket with 1 SIM socket inside (USB & PCIe interface)
TPM	N/A
System Indicator	1 x Green LED for system power-on 2 x Red/green LED for wireless
Power input	9 to 36 VDC, typical: 12/24 VDC
Operating Temperature	-40°C to +70°C (-40°C to +158°C)
Humidity	5% - 95%, non-condensing
Vibration Endurance	3 Grms (5-500Hz, X, Y, Z directions)
Dimensions	163.8 mm (6.4") (W) x 118 mm (4.6") (D) x 44 mm (1.7") (H)
Weight (net/gross)	TBC
Certifications	CE Class A, E-Mark
OS Support	Yocto Linux, Kernel L4.9.51, Linux 4.9.88_2.0.0 Android 08.1.0 (Linux Kernel 4.9.78)



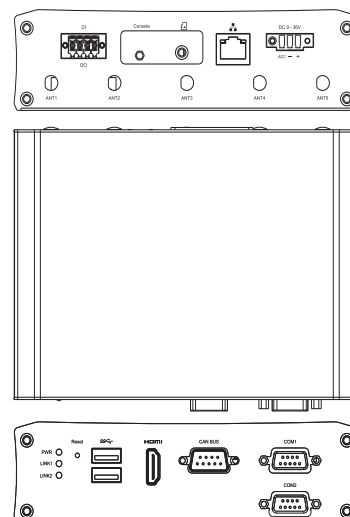
Ordering Information

Standard	
Agent336	Fanless embedded system with i.MX 8M processor, COM, LAN, USB, DIO (2-in/2-out), isolated CANBus and 2 PCIe Mini Card slots, power design with ACC ignition and E-Mark certification for vehicle box PC

Optional

GPS + Gyro sensor
G sensor
PCIe Mini Card (WiFi/3G/4G/LTE/GPS)

Dimensions



Assured Systems

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