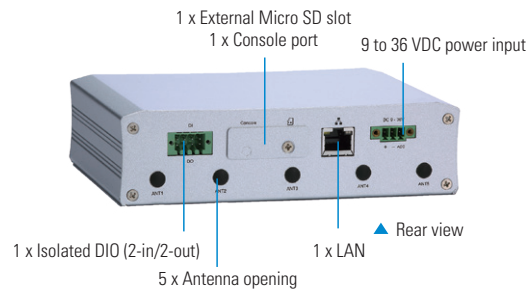
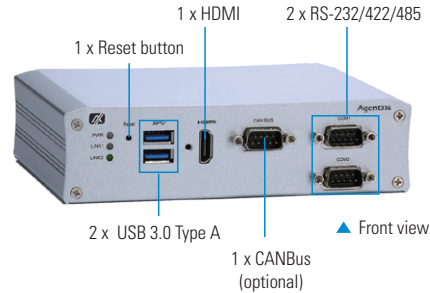


Agent336

Fanless Embedded System with i.MX 8M Processor, COM, LAN, USB, DIO (2-in/2-out), 2 PCIe Mini Card Slots, Optional CANBus, Power Design with ACC Ignition and ISO 7637-2 Compliant for Vehicle PC

Features

- RISC-based module (i.MX 8M) processor
- 3GB LPDDR4 memory onboard
- 8GB eMMC onboard
- Power input range of 9 to 36VDC
- Ready-to-run embedded Linux/Android operating system
- Wide operating temperature range from -40°C to +70°C
- ISO 7637-2 compliant
- Intelligent solution of vehicle power management (ACC ignition)



Specifications

Standard Color	Sliver
Construction	Extruded aluminum and heavy-duty steel, IP30
CPU	NXP i.MX 8M Arm® Cortex®-A53, Quad 1.5GHz
System Memory	1 x 3GB 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 DIO (2-in/2-out, 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 1 x Isolated CANBus B (optional)
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 LED for wireless
Power input	9 to 36 VDC (9 to 24 VDC with optional isolated CANBus) with terminal block
Operating Temperature	-40°C to +70°C (-40°F to +158°F)
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)	1.0 kg (2.2 lb)/1.20 kg (1.10 lb)
Certifications	CE Class A certified; and ISO 7637-2 compliant
OS Support	Yocto Linux, Kernel 4.9.51, Linux 4.9.88_2.0.0 Android 08.1.0 (Linux Kernel 4.9.78)

Ordering Information

Standard	
Agent336-QUAD-W/O CAN BUS-YOCTO (P/N: E278336102)	Fanless embedded system with i.MX 8M processor, COM, LAN, USB, DIO (2-in/2-out), and 2 PCIe Mini Card slots, power design with ACC ignition and ISO 7637-2 compliant for vehicle box PC, Yocto Sumo (Kernel 4.14.98)
Agent336-QUAD-W/CAN BUS- YOCTO (P/N: E278336100)	Fanless embedded system with i.MX 8M processor, COM, LAN, USB, DIO (2-in/2-out), and 2 PCIe Mini Card slots, power design with ACC ignition, isolated CANBus and ISO 7637-2 compliant for vehicle box PC, Yocto Sumo (Kernel 4.14.98)
Optional	
Communication Modules	8812C300CA0E AP12356WT WiFi Kit for ICO300 SFP(E)

Dimensions

