

Agent200-FL-DC NEW

Robust RISC-based DIN-rail Fanless Embedded System with i.MX 6UL Processor, 1 COM, 1 LAN, DIO (4-in/4-out), and Optional CANBus

Features

- RISC-based (i.MX 6UltraLite) processor 528 MHz
- 256MB DDR3 SDRAM onboard
- 4GB eMMC flash onboard
- 2 PCI Express Mini Card slots (Wi-Fi or 3G/4G)
- 4 digital inputs and 4 digital output
- Power input range of 9V to 48V DC with terminal block
- Embedded Linux (Yocto) and Android 8.1 operating system
- Fanless and compact design
- Wide operating temperature range from -40°C to +70°C



Specifications

Construction	Extruded aluminum and heavy-duty steel, IP40	
CPU	NXP i.MX 6UL processor, ARM® Cortex®-A7 @ 528 MHz	
System Memory	1 x DDR3-1600 onboard, 256 MB	
System I/O Outlet	Serial Port	1 x RS-232/422/485
	LAN	1 x 10/100 Mbps Ethernet Magnetic isolation protection 1.5KV
	USB	1 x USB 2.0
	DIO	1 x DIO (4-in/4-out)
		DI: Wet
		DO: Wet
		DI:
		Digital input levels for wet contacts: -Logic level 0: Close to GND -Logic level 1: +0.7 to +24 V max.
	DO:	Output channels: 1, sink type Output current: max. 200 mA per channel On-state voltage: 24 VDC nominal, open
	Console Port	Yes, for user setting with debug
EEPROM	1 x EEPROM (2 Kb)	
Wireless	2 x PCI Express Mini Card slot (USB signal only) 1 x SIM card socket	

Watchdog Timer	WDT 1: 0.5 to 128 sec. with a time resolution of 0.5 sec.
LEDs	1 x LED for power status
	1 x LED for USB status
	2 x LED for TX/RX status 3 x LED (programming by client)
Storage	1 x eMMC 4GB flash onboard
Power Supply	9 to 48 VDC power input range
Operating Temperature	-40°C to +70°C (-40°F to +158°F)
Storage Temperature	-45°C to +85°C (-49°F to +185°F)
Humidity	10% to 95%
Vibration Endurance	5 Gms @ (10 to 150Hz random; operation)
Dimensions	31 mm (1.22") (W) x 100 mm (3.94") (D) x 125 mm (4.92") (H)
Weight (net/gross)	0.3 kg (0.66 lb)/0.44 kg (0.97 lb)
Installation	DIN-rail, wall mount
OS Support	Yocto 2.4 (rocko), kernel 4.9.88
	Ubuntu 18.04, kernel 4.9.88
	Android 8.1
Certifications	FCC part 15, Heavy Industrial CE

Ordering Information

Standard

Agent200-FL-DC	Robust RISC-based DIN-rail fanless embedded system with i.MX 6UL processor, 1 COM, 1 LAN and DIO (4-in/4-out)
Agent200-CAN-FL-DC	Robust RISC-based DIN-rail fanless embedded system with i.MX 6UL processor, 1 COM, 1 LAN and DIO (4-in/4-out), and CANBus

Optional

Wall mount kit
 Wireless (3G/GPS/Wi-Fi) module

Dimensions

