

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 outputs
- 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

