

# MX6U200-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 CANBus

## Features

- RISC-based (i.MX 6UltraLite) processor 528 MHz
- 256MB DDR3L 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) operating system
- Fanless and compact design
- Wide operating temperature range from -40°C to +70°C



## Specifications

Construction	Extruded aluminum and heavy-duty steel, IP20	
CPU	NXP i.MX 6UL processor, ARM® Cortex®-A7 @ 528 MHz	
System Memory	1 x DDR3L-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/Dry DO: Wet DI: Digital input levels for wet contacts: - Logic level 0: +10V to +24V (DI To COM-) - Logic level 1: +3V max. Digital input levels for dry contacts: - Logic level 0: Close to GND - Logic level 1: Open DO: Output channels: 4, sink type Output current: max. 200 mA per channel On-state voltage: 24 VDC nominal, open collector to 30V
	CANBus	1 x CANBus
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.
LED	1 x LED for system status 1 x LED for USB power status 1 x LED for COM/Console mode 2 x LED for TX/RX status 5 x LED (programming by client)
Storage	1 x eMMC 4GB flash onboard 1 x Micro SD card slot
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	2 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 Sumo
Certifications	CE, FCC

## Ordering Information

### Standard

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### Optional

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

## Dimensions

