

MVC-3000



Intel® Celeron J1900, Embedded Vehicle Computer With All M12 Connectors



Features

- Intel® Celeron J1900 CPU (2M Cache, 2.00 GHz)
- Rugged, and fanless design, all M12 connectors
- 8-36V DC input, with Ignition intelligent switch function
- USB, RS-232/422/485, LAN, DIO, etc.
- Optional support WiFi, Bluetooth, LTE, GPS, CAN2.0, etc.

Specifications

System

CPU	Intel® Quad-Core™ Celeron J1900 (2.0GHz)
Memory	SO-DIMM DDR3L-1333/1600 (Up to 8GB)1 x
Storage	Full-size Mini-PCIe for mSATA SSD Windows
System	10 IoT Enterprise Windows 7 Professional Windows Embedded Standard 7

I/O Connectors

Serial Port	1 x RS-232/422/485 (COM1) 1 x RS-232 (COM2)
USB Port	4 x USB2.0
Ethernet	1/2 x GbE LAN
Display	VGA (M12)
Audio	Line-out
DIO	4 in & 2 out, with 3.3V power (optional)
CAN Bus	2 x CAN2.0B (Optional, compatible CAN2.0A, support J1939 protocol and in accordance with ISO 11898-1/2/3)
Others	1 x DC-IN (M12) 1 x Micro-SIM Card Slot 1 x Battery Switch

RF Communication

WLAN	802.11a/b/g/n/ac/ax (Optional)
WWAN	4G LTE (Optional, LTE, HSPA+, EDGE, GSM/GPRS, 1.4G/1.8G private network)
Bluetooth	Bluetooth 4.0/5.0 (Optional)
GNSS	GPS/Beidou/Glonass (Optional)

Power Management

Power Input	DC 8~36V
Power Consumption	18W(Typ.)
Ignition	Delay starting, default 10 seconds Delay shutdown, default 10 seconds; (The time can be adjusted by BIOS) Hardware power off time is 30 seconds after the device detects the Ignition signal
UPS	3350mAh/7.2V (Optional)

Environmental

Operating Temperature	-30~70°C
Relative Humidity	5%-90%.@ 40°C (non-condensing)
Vibration	Impact resistance: MIL-STD-810G Method 516.6 Procedure I Anti-vibration: MIL-STD-810G Method 514.6 Procedure I
Certifications	CE, FCC

Mechanical

Material	Aluminum
Dimension (W x L x H)	240 x 180 x 59 mm
Weight	2.2Kg

Packing List

1 x MVC-3000
1 x AC-DC Power Adapter
1 x Certificate
1 x Warranty Card

Dimension

