

M10J

10.1" Industrial Rugged Full IP65 Windows Tablet



Specifications

Display

- 10.1" 1280x800 16:10 IPS LCD, 700 cd/m²
- Optional : 1920x1200 Display
- Optional : 1000 cd/m² Brightness Display

Touchscreen

- Capacitive multi-touch (10 points)
- Gorilla glass, hardness 7H

CPU

- Intel® Celeron® N5100 Quad Core, up to 2.8 GHz

Graphics

- Intel® HD Graphics Gen 11

Memory

- 8GB DDR4

Storage

- 128GB eMMC

OSD Function

- Power, 1x Function key, Volume up/down
- Status mode indicator and Battery indicator

Ports I/O

- USB Type-C
- USB 3.0 Type A
- Mini HDMI
- 12-pins Pogo Pin Docking connector
- 3.5 mm headphone jack
- 1x TF Slot (Micro SD) up to max. 512GB
- 1x Micro SIM Slot
- 8 Ohm/1W Stereo speakers
- Built-in microphone

Optional Port I/O

- Request one of three: USB 2.0 or RS232 or RJ45 100Mbit/s

Communication

- WiFi 2.4GHz/5.8GHz 802.11a/b/g/n/ac
- BT v5.0
- 2G/3G/4G WAN
- Optional : NFC 13.56MHz NXP300, WiFi 6, 2D Barcode

Positioning & Sensors

- G-sensor
- Optional : GPS / GLONASS

Cameras

- 8MP Rear with autofocus
- 5MP Front with fixed focus

Power

- Power input: 19V DC Jack connector
- External power adapter
- 5000 mAh / 7.6V Li-ion polymer, removable, 5 hrs¹ battery life

Dimensions

- Dimension (W x H x D): 274.9 mm x 188.7 mm x 22.2 mm
- Weight: 1028g

System & Environment

- Operating -20°C to 60°C
- Storage -30°C to 70°C
- Drop : from 1.22 m (4 ft) *MIL-STD-810G
- Humidity : 95% (non-condensing)
- IP65 Protection

Operation System

- Windows 11 IoT Enterprise CBB
- Optional : Windows 11 Pro , Windows 10 Pro
- Windows 10 IoT Enterprise 2021 LTSC

Available Options

- 2D Barcode scanner
- NFC 13.56 MHz
- Additional interface: USB 2.0 or RS232 or RJ45 100Mbit/s

Available Accessories

- standard external power adapter
- Vehicle Mount VUM17 with USB, RJ45, RS232 and DC-in port
- Docking station DC17, Charge the tablet and battery
- 4x Battery charger station MDC87
- Car power adapter, 12-24V DC input, 19V/3A output
- Power wandler with 24-60VDC input, 19V/6A output

1. Tested with 50% volume sounds, 50% screen brightness, 1080P HD video playback