

RPC

Rugged Windows Vehicle PC 



SE**N**OR



Sunlight Readable Display
1000 Nits clear visibility
Optimal usability and productivity



Vehicle Mounting*
Supports VESA/RAM
Versatile & secure installation



IP65 Whole Unit
Water and dust resistant
Reliable operation



Rugged Design
MIL-STD-810H certified
Exceptional Durability

* Optional

Distributed/Imported Exclusively by MachX Enterprise

MachX Enterprise

 67 Weaver Street Coopers Plains QLD 4108, Australia

 +61 7 3275 5855

 sales@machx.com.au

 www.machx.com.au

MACHX



Specifications

Processor

RPC N8W

Intel Celeron Quad Core N5100 1.10 GHz
(up to 2.80 GHz)

System Memory

8 GB LPDDR4 RAM

Storage

128 GB eMMC

RPC N10W

Intel Celeron Quad Core N5100 1.10 GHz
(up to 2.80 GHz)

8 GB LPDDR4 RAM

128 GB eMMC

Display

Size / Resolution

8" TFT LCD / 1280 x 800 pixels

10.1" LCD / 1280 x 800 pixels

Brightness

1000 cd/m²

1000 cd/m²

Touch Screen Panel

Projected capacitive touch (5-point, G+G, 6-H hardness)

I/O Interface

USB Port

1 x USB 2.0 Type-A

LAN Port

1 x RJ45 100M (factory option)

COM Port

1 x RS232/RS485 (factory option)

Additional Port

1 x USB 2.0 Type-A / CAN BUS (factory option)

WWAN | SIM Card

4G LTE | 1 x Micro SIM slot

Sensors

GPS, Glonass

Wi-Fi & Bluetooth

Wi-Fi 802.11 a/b/g/n/ac 2.4 GHz & 5 GHz, Bluetooth 5.0

Audio

2.5 W single speaker

Operating System

Windows

11 IoT / 11 Pro

Environment & Mechanical

Dimensions & Weight

218.1 (W) x 154.5 (H) x 23 (D) mm | 631 g

264.5 (W) x 184.1 (H) x 23 (D) mm | 834 g

Mounting Options

VESA: 100 x 100 mm | RAM: 38 x 30 mm (optional)

IP Rating

IP65 whole unit certified

Drop Resistant

MIL-STD-810H certified (1.2 M on plywood)

Temperature

Operating: -20°C to 60°C | Storage: -30°C to 70°C

Humidity

Operating: 95% (non-condensing) | Storage: 95% (non-condensing)

Power Consumption

Power adaptor input: AC 100-240 V, 50/60 Hz, 0.28 A
Power adaptor output: DC 12V/4A
Cigarette lighter adaptor output: 19V/3.42A

Model Options

RFID

13.56 MHz (NFC), supports ISO/IEC 14443A/14443B/15693/18092/Mifare

Battery

1,000 mAh Lithium battery (up to 1 hour operating time)

All product specifications are subject to change without notice.

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