

iV12

Intelligent Vehicle Terminal



SE~~N~~OR



IGN ON/OFF

Improved safety

Preventing unintended battery drain
Extended lifespan



SUS304 Stainless Steel Chassis

Corrosion resistance
High-temperature tolerance



Anti-glare Screen

Reduced risk of accidents
Enhanced comfort



IP66 Water & Dust Resistance

Reduced risk of electrical failures
Longer equipment lifespan

Distributed/Imported Exclusively by MachX Enterprise

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MACHX



Specifications

iV12

Processor	Intel E3845 Quad Core 1.91 GHz
System Memory	4 GB DDR3L-1333 RAM (up to 8 GB)
Storage Device	2.5" industrial grade SSD

Display

Size / Resolution	12.1" TFT LCD (LED backlight) / 1024 x 768 pixels
Brightness	Auto brightness 250 to 700 cd/m ² (optional 1000 cd/m ²)
Touch Screen Panel	Anti-glare projected capacitive touch (optional sunlight filter)

I/O Interface

USB Port	1 x USB 2.0, 1 x USB 3.0
Serial Port	1 x DB9 (RS232 / RS422 / RS485 select by BIOS), optional COM2 (RS232)
Video Port	1 x Display port
Ethernet Port	2 x RJ45 10/100/1000 Mbps
Function Keys	Up to 6 keys

Operating System

Windows	10 IoT / 10 Pro
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Environment & Mechanical Specifications





Dimensions & Weight	320 (W) x 312 (H) x 60 (D) mm 5 kg
Chassis Material	SUS304 stainless steel
VESA Pattern	75 x 75 mm
IP Rating	IP66 whole unit
Shock & Vibration	Class 5M3 (5 hours of noise type vibrations, 3.6 g rms and 30 g peak value)
Temperature	Operating: -20°C to 55°C Storage: -20°C to 60°C
Humidity	20% to 80% (non-condensing)
Power Consumption	24 VDC (10 to 36 VDC, isolation voltage 1500 VDC, input polarity protection)

Model Options

Integrated Card Reader	RFID (13.56 MHz)
Antenna	Internal or External
CAN Bus Port	1 x isolated CANbus 2.0B
Wireless LAN	802.11 b/g/n/ac (2x2 MIMO), Bluetooth 4.1

All product specifications are subject to change without notice.

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