

M900P

8" Intel® Pentium® N4200 Rugged Tablet PC



KEY FEATURES

- Intel® Pentium® N4200 Apollo Lake processor
- 8" 1280 x 800 IPS LED Panel with direct optical bonding
- Projected Capacitive (P-Cap) multitouch
- Default D-sub for vehicle gateway connection
- USB 3.0 Type A, USB 3.0 Type C connectors
- IP65 waterproof and dustproof



SPECIFICATIONS

Display	
Resolution	1280x800
Contrast Ratio	800:1
View Angles	85/85/85/85
Bonding	Optical Bonding for Sunlight Viewability
Size	8.0 inches
Panel Brightness	510 nits
Type	Projected Capacitive Multi Touch
System Specification	
Processor	Intel Pentium N4200 Processor 1.10 GHz, up to 2.50 GHz with turbo boost technology
Storage	64GB SSD Additional storage available with micro SDXC card slot 128GB SSD (Optional) 256GB SSD (Optional) 512GB SSD (Optional)
Operating System	Windows 10 IoT Enterprise (64 bit)
BT	BT Support
GNSS	GPS, GLONASS
Sensors	Light sensor/ g-sensor / Gyro / E-compass
Memory	4GB LPDDR4 8GB LPDDR4 (Optional)
Security	Trusted Platform Module (TPM) 2.0
WLAN	802.11 a/b/g/n/ac
WWAN	4G LTE (Optional)
RFID	Mutually Exclusive with Barcode Reader HF RFID Reader 13.56 MHz (Optional) LF RFID Reader 125 KHz (Optional)
Smart Card Reader	Smart Card Reader Comply with ISO7816-1.2.3 T=1 and T=Ø protocol (Optional)
Camera	
Front Camera	2MP Front Camera
Rear Camera	8MP Rear Camera with Autofocus and LED Light
Mechanical	
Dimension	225 x 148 x 20.5 mm (10 x 7.76 x 0.8 inches)
Weight	0.9 kg with battery
Cooling System	Fanless design
IO Ports	
USB Port	1 x USB 3.0 (Type A), 1 x USB 3.0 (Type C)
SD Card Slot	1 x Micro SDXC Slot
SIM Card Slot	1 x SIM card slot
Audio	1 x Audio combo 3.5mm audio combo jack Dual Digital Mic With Noise Cancellation Dual Speaker
Expansion Port	1 x 15-pin D-sub connector for Power Input, USB 2.0, Audio Out, and Tx/ Rx
Indicator	4x LED Indicator for Power, Battery, HDD, RF status

Docking Connector 1 x 19-pin docking connector

Environment

Operating Humidity 10% to 90% RH, non-condensing

Operating Temperature -20°C to 60°C (AC mode), -10°C to 50°C (Battery mode)

Storage Temperature -30°C to 70°C (-22°F to 158°F)

Shock MIL-STD-810G Method 516.6 Procedure I

Vibration MIL-STD-810G Method 514.6 Procedure I

IP rating IP65 certified, dustproof and waterproof

Drop MIL-STD-810G Method 516.6, 5 ft

Certification

Certification CE, FCC, E-Mark

Security Function

SOTI MobiControl SOTI MobiControl Compliance

Control

Button 1 x Power, 1 x menu, 3 x Programmable Function Keys

Power

Battery 7.6V, typ. 4200 mAh Li Polymer Battery (2S2P)

Battery Operating Time 8 Hours

Power Rating 19V DC , 3.42A

Adapter 100-240V, 50-60Hz / 19V DC

Accessory

Accessory Adapter and Power Cord
Standard Battery Pack
Vehicle Charger

Optional Accessory Desk Dock (Optional)
Vehicle Dock (Optional)
Vehicle Gateway (Optional)
Vehicle Cradle (Optional)
Battery Charger (Optional)
Vehicle Charger (Optional)
Hand Strap (Optional)
Capacitive Stylus (Optional)

Barcode Scanner

Barcode Scanner 1D/2D barcode reader (Optional)

DIMENSIONS UNIT:MM

