

# Rugged Tablet PC 7"

**M9020**

## Product Features:

- 7" High Quality 1024 x 600 Resolution LED Panel
- Intel® Atom Dual Core N2600 1.6GHz with Intel® NM10 Chipset
- 1 x DDR3 SO-DIMM RAM 4GB (Wide Temperature)
- Meet MIL-STD-810G Shock, Vibration and Drop Standard
- Built-in 802.11 a/b/g/n Wifi card and Bluetooth 4.0 (Class II) Module
- 3100 mAh Li-ion 7.4V Battery x 2
- CMOS 2D barcode scanner (Reads 1D and 2D barcodes)
- Full QWERTY Keyboard (5 programmable function keys)
- CID2 (By Request)
- UHR RFID (By Request)



Main Unit



Docking (Optional)

## Product Specifications:

System Specification	Processor	Intel® Atom™ Processor N2600 1.6 GHz
	System Memory	4GB DDR3 SO-DIMM RAM (Wide Temperature)
	Storage	64GB mSATA SSD (Wide Temperature, upgradable to 512GB)
	Operating System	Windows Embedded Standard WS7P
Display Specification	Size	7"
	Resolution	1024 x 600
	Brightness	900nit (typ.)
	Touch	4W Resistive Touch (GFG)
	Sensors	Light sensor for auto backlight adjustment Position sensor (accelerometer) for portrait or landscape screen orientation
Wireless Communication	Wireless	802.11 a/b/g/n WiFi Card (Cisco® Compatible Extensions (CCXv4)) Support Infrastructure and ad hoc (Client Mode)
	Bluetooth	Class 2 Bluetooth 4.0 (compliant 3.0 and 2.1 + EDR support)
	WWAN	Optional LTE (Sierra MC7304 or MC7354)
	GPS	Built-in Neo-6 GPS module
Mechanical and Environment	Dimensions (W x L x H)	229.75 x 183 x 54 mm
	Weight	1.43 kg
	Operation Temperature	-20°C to 60°C (AC mode), -20°C to 50°C (Battery mode)
	Operation Humidity	5~95% RH (non condensing)
	IP Proof	IP67
	Certifications	CE / FCC / UL
I/O Connectors	External I/O	1 x USB 2.0 A Type 1 x RS232 1 x Headset jack 1 x 2.5Ø DC Power Input 1 x Micro SD card slot (up to 32GB)
	Expansion Potts (Pin Headers for I/O Customization)	4 x USB 2.0 1 x power output 5V 2A 1 x VGA (SVGA Resolution) 4 x RS-232
	Power Management	Power input 19V DC in Battery Operating Time 7 hours** Adapter 65W
Field Service Features	Camera	2M pixel camera front side; 5M rear camera with autofocus and flash light

\*Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.  
\*\*Note: Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.

## Dimensions (Main unit with docking) :

Technical drawings showing the main unit and docking station with dimensions in millimeters. The main unit dimensions are: 229.75 (width), 183 (height), 54 (depth), 102.4 (screen width), 60 (screen height), 183 (total width), 54 (total height), 183.1 (total depth), 102.4 (screen width), 60 (screen height), 183.1 (total width), 54 (total height), 183.1 (total depth). The docking station dimensions are: 183 (width), 54 (height), 183.1 (depth), 102.4 (screen width), 60 (screen height), 183.1 (total width), 54 (total height), 183.1 (total depth), 102.4 (screen width), 60 (screen height), 183.1 (total width), 54 (total height), 183.1 (total depth).

Accessories	
1. 19V 65W Power Adapter x 1	
2. Power Cord x 1	
3. Standard Battery x 2	
4. M9020 Quick Start Guide x 1	
5. Manual & Driver CD x 1	
6. Stylus Pen x1	
7. Hand Strap	

Order Information	
M9020	Basic
M9020-LE	4G/LTE for Europe
M9020-LA	4G/LTE for North America

1. Lock
2. RS-232 Connectors
3. RJ-45 Connector
4. USB Ports
5. Bare leads DC connector
6. Power Connector

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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