

# Boolean Mobi AW81

Totally Rugged—Dual OS Power (Windows 10 / Android 4.4.3)



**Boo**lean  
[www.boolean.mobi](http://www.boolean.mobi)

# Boolean Mobi AW 81

Totally Rugged—Dual OS Power (Windows 10 / Android 4.4.3)

Merging ultimate mobility with true field functionality, the Mobi A/W81 rugged handheld is a durable tool designed with fieldwork in mind — it's packed with features, it's compact and truly portable, and it offers a reliable computing solution for challenging worksite environments.

The Mobi A/W81 has all you need for work on the go. It features a high-brightness resistive touchscreen for a generous and practical mobile workspace, without sacrificing portability — this rugged handheld weighs just 630 grams. The unit comes complete with either a high-performance laser scanner or 2D imager for super-fast and accurate scanning and barcoding tasks. It also features an optional fingerprint sensor. An integrated GPS receiver, offers built-in navigation functionality. Multiple connectivity options such as high-powered 3G or 4G (optional) and Wi-Fi keep you connected, everywhere and always.

The feature-rich Mobi A/W81 runs Windows 10 OS or Android 4.4.3. A high-speed 1.44GHz processor, 2GB of RAM and 32GB of Flash memory make sure this device keeps up with every task you throw its way.

A unique functionality give the user the ability to count on Dual Boot mode, where can start the tablet on any of the Operating Systems.

And we do mean “throw” — in addition to being a computing workhorse in the field, the Mobi A/W81 is also built to withstand rough use, such as drops and tumbles, and it's unfazed by environmental factors such as extreme temperatures, dust and water, proved by stringent industry and military-standard durability tests. The Mobi A/W81 is IP65-rated. You can use the W81 in heavy rain or bright sunshine, fog or dust — and when you're done, just rinse it off and toss it in the truck with the rest of your gear.

A valuable tool for warehousing, logistics, field service, security, public safety and similar sectors, the Mobi W81 rugged handheld is built to go wherever your work takes you.

<b>Size</b>	272*195*22mm
<b>Weight</b>	630 grams
<b>Environment</b>	
<i>Operating</i>	-20 °C to 60 °C (-4 °F to 122 °F)
<i>Storage</i>	-30 °C to 70 °C (-40 °F to 158 °F)
<i>Drop</i>	26 drops from 1 m
<i>Sand &amp; Dust</i>	IP6x
<i>Water</i>	IPx5
<i>Humidity</i>	Humidity: 95% Non-Condensing
<b>Processor</b>	Intel Baytrail-T(Quad-core ),Z3735F, 1.33/1.86GHz
<b>Memory/Disk</b>	2GB LP-DDR2, 32-bit@200MHz DDR 533MHz Storage: 32GB eMMC1
<b>I/O slot</b>	Single SIM slot(user accessible) Micro SD slot 64GB Communication
<b>Operating System</b>	Windows 10 / Android 4.4.3 (Dual OS Mode Optional)
<b>Screen</b>	8 inch HD IPS/AFFS (1280x800); 320 nits, capacitive 5-point multi-touch, Glove-friendly touch screen
<b>Keypad</b>	N/A
<b>Battery</b>	Li-Ion, 3.7V 8500mAh
<b>Connections</b>	USB (PC sync, A Host, Charging) 3.5mm headset (Stereo and Mic)
<b>HF RFID/NFC</b>	Optional NXP NFC 13.56MHz support ISO/IEC: 14443A/14443B/15693/18092/mifare protocol
<b>UHF RFID</b>	N/A
<b>1D Scanner</b>	Symbol SE655E100
<b>2D Scanner</b>	Symbol SE4710
<b>Fingerprint</b>	N/A
<b>Communication</b>	
<i>Audio</i>	Built in: Microphone, speaker
<i>PAN</i>	BT Class 1 & 2, V4.1
<i>Cellular(WWAN)</i>	Voice and Data, 3G(UMTS, HSPA+) , or 4G (optional)
<i>Wireless LAN</i>	802.11 a/b/g/n, 2.4GHz
<b>Navigation</b>	Integrated with stand-alone u-blox M8030, GPS+GNSS (EVA-7M, position accuracy with SBAS 3m CEP)
<b>Camera</b>	5-megapixel rear-facing camera with autofocus 2-megapixel front-facing camera
<b>Indicators</b>	LEDs, Vibration motor
<b>Sensors</b>	3-axis accelerometers, 3-axis gyroscope, eCompass
<b>Accessories</b>	Included in box International power adapter, USB cable, Quick-start guide, hand-strap

Boolean is a worldwide supplier of rugged mobile computers. Together with partners Boolean deliver complete mobility solutions to businesses in industries such as logistics, forestry, fleet management, public transportation, construction, service & maintenance, military and security. Boolean has local offices and factory in Shenzhen, China, and partners Worldwide.

**Boolean**  
www.boolean.mobi