



# M10A-VDS

## Enterprise-Grade Rugged Tablet

- The newest handle design is easy to hang on the steering wheel
- 10.1-inch FHD and HB display, glove touch supported
- Up to 12 hours of battery life with 72.52Wh of capacity
- 12th generation Intel® Core™ processor for vehicle diagnostic system
- Compatible with vehicle OBD ports, support for CAN and DoIP protocols
- IP65 waterproof and dustproof, MIL-STD-810H certified



<b>Durability</b>	<ul style="list-style-type: none"><li>· MIL-STD-810H certified</li><li>· 4ft, 26 drops (each side, edge, and corner)</li><li>· IP65 certified</li><li>· ±8kV contact discharge, ±15kV air discharge</li></ul>
<b>Operating System</b>	<ul style="list-style-type: none"><li>· Windows 11 Pro</li><li>· Optional Windows 11 Home/IOT</li></ul>
<b>Processor</b>	<ul style="list-style-type: none"><li>· Intel i5-1235U (12MB cache, up to 4.4 GHz, 10 cores, 12 threads, TDP 15W)</li><li>· Optional Intel i7-1255U (12MB cache, up to 4.7 GHz, 10 cores, 12 threads, TDP 15W)</li></ul>
<b>Graphics</b>	<ul style="list-style-type: none"><li>· Intel® Iris® Xe Graphics eligible</li></ul>
<b>Memory</b>	<ul style="list-style-type: none"><li>· 16GB LPDDR4x on board</li></ul>
<b>Storage</b>	<ul style="list-style-type: none"><li>· 128GB SSD</li><li>· Optional 256GB/512GB/1TB PCIe SSD</li></ul>
<b>Display</b>	<ul style="list-style-type: none"><li>· 10.1", FHD (1200x1920), 700 nits</li><li>· 10-point capacitive touch screen, supports glove touch mode</li></ul>
<b>Audio</b>	<ul style="list-style-type: none"><li>· Integrated microphone</li><li>· Integrated 1W speaker</li><li>· Class K</li></ul>
<b>Camera</b>	<ul style="list-style-type: none"><li>· FF 5.0 MP front camera</li><li>· AF 13.0 MP rear camera and flashlight</li></ul>
<b>Keyboard &amp; Input</b>	<ul style="list-style-type: none"><li>· 5 buttons (user-definable key x1)</li></ul>
<b>Network &amp; Connectivity</b>	<ul style="list-style-type: none"><li>· Intel® Wi-Fi 6 (802.11 ax)</li><li>· Bluetooth® 5.1</li><li>· 4G LTE LTE-FDD: B1/3/5/7/8/20/28 LTE-TDD: B38/40/41 WCDMA: B1/5/8 GSM: /</li><li>· GPS/Glonass module</li></ul>

<b>Security</b>	<ul style="list-style-type: none"><li>· Fingerprint scanner</li><li>· Integrated TPM 2.0</li></ul>
<b>Battery &amp; Charging</b>	<ul style="list-style-type: none"><li>· Li-ion battery, 7.4V, 9800mAh, 11h</li><li>· Li-ion battery, 7.4V, 860mAh</li><li>· Separate RTC 3V/210mAh</li><li>· AC adapter: 100-240V, 50Hz-60Hz, 65W (19V/4.73A)</li></ul>
<b>I/O Interface</b>	<ul style="list-style-type: none"><li>· Micro SD card x1</li><li>· SIM card x1</li><li>· USB 3.1 (Type-A) x1</li><li>· USB 3.0 (Type-C) x1</li><li>· 3.5 mm audio jack x1</li><li>· HDMI 2.1a mini x1</li><li>· 5.5 mm DC in jack x1</li><li>· 12-pin Pogo pin x1</li></ul>
<b>Expansion Interface</b>	<ul style="list-style-type: none"><li>· Default 10/100/1000M Ethernet (RJ45) x1</li><li>· Optional serial port (RS232: D-sub, 9-pin) x1</li><li>· Optional USB 2.0 (Type-A) x1</li><li>· Optional 1D/2D barcode reader</li><li>· Optional 10/100/1000M Ethernet (RJ45) &amp; USB 3.0 (Type-A)</li></ul>
<b>Environment</b>	<ul style="list-style-type: none"><li>· Operating temperature: -25°C to 60°C (-13°F to 140°F)</li><li>· Storage temperature: -30°C to 70°C (-22°F to 158°F)</li><li>· Humidity: 95% (non-condensing)</li></ul>
<b>Dimension</b>	<ul style="list-style-type: none"><li>· 292.1 mm(L) × 192.1 mm(W) × 27.5 mm(H)</li></ul>
<b>Weight</b>	<ul style="list-style-type: none"><li>· 1457g</li></ul>
<b>Accessories</b>	<ul style="list-style-type: none"><li>· Standard: Adapter, Stylus, Carry handle</li><li>· Optional: Docking charger</li></ul>
<b>Warranty</b>	<ul style="list-style-type: none"><li>· One-year limited warranty standard</li></ul>

1. Please contact your sales representative for feature availability.
2. Battery life data is provided by Emdoor's laboratory. Default test conditions: 300 nits display brightness, 30 cm/70 dB sound level. Actual results may vary depending on test environments and methods.
3. Certified to MIL-STD-810H and IP standards. For specific test items and methods, please refer to the latest official test report.
4. Body dimensions and weight are measured by Emdoor's laboratory. Variations may occur due to measurement methods and manufacturing processes.
5. All product images, specifications, user interface, and features are for reference only and may vary by production batch or other factors. All information is subject to change without prior notice.

## ACCESSORIES

### Standard



Adapter



Stylus



Carry Handle

### Optional



Docking Charger

## CONTACT US

Shenzhen Emdoor Information Co., Ltd. (Stock Code: 001314)

Tel: (+86) 400-830-4882

Email: [inquiry@onerugged.com](mailto:inquiry@onerugged.com)

Web: [www.onerugged.com](http://www.onerugged.com)

Address: Emdoor Building, No.8 Guangke 1st Road, Pingshan District, Shenzhen

