



M805Q

Enterprise-Grade Rugged Tablet

- Qualcomm QCM6490 SoC with a AI engine
- Dual-band Wi-Fi 6E, BT5.2 and 4G/5G connectivity
- Removable 3.8V/10000mAh large battery
- 8" FHD display with 700 nits brightness
- Optional 1D/2D barcode reader and NFC module
- GPS, GLONASS and BDS satellite navigation



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|------------------------|--|
| Durability | <div><div></div><div>MIL–STD–810H certified</div><div></div><div>4ft, 26 drops (each side, edge, and corner)</div><div></div><div>IP65 compliant</div><div></div><div>±8kV contact discharge, ±10kV air discharge</div></div> |
| Operating System | <div><div></div><div>Android 14 (GMS)</div></div> |
| Processor | <div><div></div><div>Octa–core ARM</div><div></div><div>1x A78 (2.7 GHz) + 3x A78 (2.4 GHz) + 4x A55 (1.9 GHz)</div></div> |
| Graphics | <div><div></div><div>Adreno™ 643</div></div> |
| Memory | <div><div></div><div>8GB LPDDR4x on board</div></div> |
| Storage | <div><div></div><div>128GB EMMC</div></div> |
| Display | <div><div></div><div>8", FHD (1200x1920), 550nits</div><div></div><div>10–point capacitive touch screen</div></div> |
| Audio | <div><div></div><div>Integrated microphone</div><div></div><div>Integrated 1W speaker x2</div><div></div><div>Class K</div></div> |
| Camera | <div><div></div><div>MF 5.0 MP front camera</div><div></div><div>AF 13 MP rear camera</div></div> |
| Keyboard & Input | <div><div></div><div>5 buttons (user–definable key x1)</div></div> |
| Network & Connectivity | <div><div></div><div>Wi–Fi 6E 802.11 a/b/g/n/ac/ax, supports 2x2 MU–MIMO</div><div></div><div>Bluetooth® 5.2</div><div></div><div>5G (SA/NSA): n1/3/5/7/8/20/28/38/40/41/77/78/79</div><div></div><div>4G: B1/2/3/4/5/7/8/12/17/18/19/20/26/28/32/34/38/39/40/41/42</div><div></div><div>3G: B1/2/4/5/6/8/19</div><div></div><div>2G: B2/3/5/8</div><div></div><div>GPS/Glonass/Beidou/Galileo/QZSS module</div></div> |
| Security | <div><div></div><div>Optional HF–RFID (NFC) reader</div></div> |

Data Capture

Optional 1D/2D barcode reader

I/O Interface

Micro SD card x1

SIM card x1

USB 3.0 (Type–A) x1

USB (Type–C) x1 (Data&PD Charing)

3.5mm audio jack x1

HDMI 1.4a mini x1

3.5 mm DC in jack x1

12–pin Pogo Pin x1 (Charge&USB)

Battery & Charging

Li–ion battery, 3.8V, 10000mAh, 8h

RTC 3V/1mAh on board

AC adapter: 100–240V, 50Hz–60Hz, 20W (5V/4A)

Environment

Operating temperature: –20°C to 60°C (–4°F to 140°F)

Storage temperature: –30°C to 70°C (–22°F to 158°F)

Humidity: 95% (non–condensing)

Dimension

236.7 mm(L) × 155.7 mm(W) × 20.8 mm(H)

Weight

818g

Accessories

Standard: Adapter, Hand strap

Optional: Docking charger, Vehicle mount, Quad charging dock, Removable battery

Warranty

One–year limited warranty standard

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



Hand Strap

Optional



Docking Charger



Vehicle Mount



Quad Charging Dock

CONTACT US

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