ONERugged

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 550 nits brightness
- Optional 1D/2D barcode reader and NFC module
- GPS, GLONASS and BDS satellite navigation

IP65 QUALITY PRODUCT

MIL-STD 810H

CE Product Certification

CCC Product Certification

M805Q SPECIFICATIONS

⌂ Android 14

Durability	· MIL-STD-810H certified
	· 4ft, 26 drops (each side, edge, and corner)
	· IP65 certified
	· ±8kV contact discharge, ±10kV air discharge

Operating System	· Android 14 (GMS)

Processor	· Octa-core ARM
	1x A78 (2.7 GHz) + 3x A78 (2.4 GHz) + 4x A55 (1.9 GHz)

Graphics	· Adreno™ 643

Memory	· 8GB LPDDR4x on board

Storage	· 128GB eMMC

Display	· 8", FHD (1200x1920), 550 nits
	· 10-point capacitive touch screen

Audio	· Integrated microphone
	· Integrated 1W speaker x2
	· Class K

Camera	· MF 5.0 MP front camera
	· AF 13 MP rear camera

Keyboard & Input	· 5 buttons (user-definable key x1)

Network & Connectivity	· Wi-Fi 6E 802.11 a/b/g/n/ac/ax, supports 2x2 MU-MIMO
	· Bluetooth® 5.2
	· 5G (SA/NSA): n1/3/5/7/8/20/28/38/40/41/77/78/79
	4G: B1/2/3/4/5/7/8/12/17/18/19/20/26/28/32/34/38/39/40/41/42
	3G: B1/2/4/5/6/8/19
	2G: B2/3/5/8
	· GPS/Glonass/Beidou/Galileo/QZSS module

Security	· Optional HF-RFID (NFC) reader

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)
	· 3.5 mm 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℃ to 60℃ (-4℉ to 140℉)
	· Storage temperature: -30℃ to 70℃ (-22℉ to 158℉)
	· 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

Removable Battery

CONTACT US