

Model Name : MIC-L0805

8" Windows Rugged Tablet

Revision History

Date	Revision	Page	Content	By
2026/2/9	0.1	All	First Draft	Tommy Chiang

ACT POWER TAIWAN
Preliminary

MIC-L0805

8" Windows Rugged Tablet

Features

- Intel i5 – 1235U (12MB Cache, up to 4.4Ghz, 10 Cores, 12 Threads TDP 15W)
- 16GB Memory
- 128GB Storage
- 8-inch FHD (1200*1920)
- 43.32Wh Removable Battery for Longer Duration
- Speedy Wi-Fi 6E, Enabling Faster Speeds and Lower Latency
- Versatile I/O Optional Modules for All Kinds of Applications
- Windows 11

Appearance



MIC-L0805

8" Windows Rugged Tablet

Specification

Processor	Intel i5 – 1235U (12MB Cache up to 4.4GHz, 10 Cores, 12 Threads , TDP 15W) Optional Intel i7 – 1255U (12MB Cache up to 4.7GHz, 10 Cores, 12 Threads, TDP 15W)
Graphics	Intel® Iris® Xe Graphics Eligible
Memory	16GB LPDDR4 On Board
Storage	128GB SSD On Board Optional 256GB SSD Optional 512GB SSD
Display	8", FHD (1200x1920), 550 nits Optional 8", HD (800x1280), 1000 nits
Touch	10-Point Capacitive Touchscreen, Supports an Active Pen Optional 10-Point Capacitive Touchscreen, Supports Glove & Water Touch Mode
I/O Interface	Nano SIM + Micro SD Card USB 3.2 (Type-A) x1 USB 3.2 (Type-C) x1 10/100/1000M Ethernet (RJ45) x1 4.0 mm DC In Jack x1 12-Pin Pogo Pin x1 (Charge & USB)
Network & Connectivity	Intel® Wi-Fi 6E (802.11 ax) Bluetooth® 5.3 4G LTE LTE-FDD: B1/3/5/7/8/20/28 LTE-TDD: B38/40/41 GSM: GPS/ GLONASS Modules
Audio	Integrated 1W Speaker * 1 Integrated Microphone Class K
Camera	FF 5.0 MP Front Camera AF 13.0 MP Rear Camera and Flash Light

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Specification

Security	Integrated TPM2.0 Fingerprint Scanner Optional HF-RFID (NFC) Reader
Battery & Charging	Li-ion Battery, 7.6V, 5700mAh, 6h48min RTC 3V/1mAh On Board AC Adapter: 100-240V, 50Hz-60Hz, 48W (12V/4A)
Dimension	236.8 mm(L) * 155.8mm (W)* 21.6mm (H)
Weight	About 850g
Durability	Design to Meet MIL-STD 810H Certified 4ft, 26 Drops (Each Side, Edge, & Corner) Design to Meet IP67 Certified ±8kV Contact Discharge, ±10kV Air Discharge

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Environment Compliance

Operating Temp.	-20°C to +60°C
Storage Temp.	-30°C to +70°C
Humidity	95% , Non-Condensing
Certifications	CE/FCC/RoHS, Applied after Sample Confirmation

Environmental performance may vary according to the integration method or final integration scenario.

Deliverables

No.	Item
1	8-inch Windows Rugged Tablet (16+128)
2	Power Adapter
3	Hand Strap

Ordering Information

Model Name	Description	Unit
MIC-L0805	8" Windows Rugged Tablet	1

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