ESY-L0802

8" Android Rugged Tablet

Features

- Integrated with MTK MT6789 (Octa Core, Octa Threads; 2.2 GHz)

- Operation System: Android 13

- Memory & Storage: 8GB/256GB

- Display: 8-inch, 1200x1920, IPS

- 10-Point Touch with Glove Touch & Wet Touch Support

- Battery: 10000 mAh with Fast Charging

- Protection Level : IP65, Drop Resistance 1.2 meters

- Design to Meet MIL-STD-810G, ISO-9001, CE, FCC, 3C

Appearance

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Revision Table

Date	Revision	Content	By
2025/9/10	0.1	First Draft	Elio

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Specification

CPU Processor	MTK MT6789 (Octa Core, Octa Threads, 2.2GHz)
GPU	Mali-G57 MC2
Memory & Storage	8GB / 256GB
Display	LCD 8-inch
Resolution	800 x 1280, 1000 nits
Touch	10-Point Touch, Support Glove Touch & Wet Touch
Camera	Front Camera: 5MP Rear Camera: 13MP (with Flash Light)
Battery	7800 mAh 3.8V (Can Customize to 10000 mAh with Fast Charging)
WWAN	4G LTE, 3G WCDMA, GSM
GPS	BDS, GPS, GLONASS
WIFI	802.11a/b/g/n/ac Wireless Internet Wireless AP (Mobile AP) 2.4G, 5G
Bluetooth	5.0 Version
NFC	13.56 MHz, Distance: 1-3cm
MIC	Sensitivity: -32$\pm$2d Output Impedance: 2.2kΩx1
Speaker	8Ω 1.5 Watt
Sensor	1. Light Sensor 2. Magnetic Sensor 3. Pressure Sensor 4. G-Sensor 5. Distance Sensor 6. Acceleration Sensor 7. Gyroscope 8. Motor

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Specification

1D/2D Barcode	Optional
UHF RFID	M-500 / M-301 (Optional)
Fingerprint	Optional
Interface In/Out Port	1. 1 x Type-C ,OTG 2. 1 x SIM Card Slot 3. 1 x TF Card Slot 4. 1 x Earphone 5. 1 x DC; 3.5 x 15mm 6. 2 x USB 2.0 7. 1 x RS232 (Mini-USB)
Button	1 x Volume +/-, 1 x Power, 1 x Barcode Scan(F)
Physical Characteristics	
Dimension	234 x 144 x 16.8 mm
Weight	630 ± 20g
Accessories	Standard: DC Charger (5V 3A), Wrist Strap, Screw Additional: Hand Strap + Shoulder Strap

Environment Compliance

Operating Temp	-20°C to +60°C
Storage Temp	-25°C to +80°C
IP Level	IP65
Drop Test	Dropping Resistance 1.2m
Certifications	Design to Meet MIL-STD-810G, CE, FCC, 3C

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

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Reference Drawing

ESY-L0802

8" Android Rugged Tablet

Deliverables

1	8" Android Rugged Tablet
2	Standard Accessories
3	Additional Accessories (Optional)

Ordering Information

Model Name	Description	Unit
ESY-L0802	8" Android Rugged Tablet	1

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