

ESY-L0801

8" Rugged Android Tablet

Features

- Integrated with MTK8791H (Octa-Core, 2.4GHz)
- OS: Android 16
- LCD: 8-inch HD + IPS1280*800
- Brightness: 1000 nits
- Memory & Storage: 8GB+256GB
- Camera: Front – 8MP, Rear – 32MP
- Battery: 12000mAh, 33W Fast Charging
- Supports NFC Function
- Design to Meet IP68/MIL-STD 810G

Features





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Revision Table

| Date | Revision | Content | By |
|-----------|----------|-------------|------|
| 2025/8/07 | 0.1 | First Draft | Elio |

ACT POWER TAIWAN
Preliminary

ESY-L0801

8" Rugged Android Tablet

Specification

| | |
|---------------|--|
| CPU | MTK8791H (Octa-Core, 2.4GHz) |
| LCD | 8.0-inch HD+ IPS1280*800 |
| Brightness | 1000 nits |
| OS | Android 16 |
| RAM | 8GB |
| ROM | 256GB |
| Camera | Front Camera: 8MP Pixel Rear Camera: 32MP Pixel, Auto-Focusing |
| Battery | 12000mAh, 33W Fast Charging |
| Communication | 2G: GSM850/900/1800/1900 |
| | 3G: 850/900/1700/1900/2100(Band1 、 2 、 4 、 5 、 6 、 8 、 19) |
| | 4G- FDD-LTE:Band1/2/3/4/5/7/8/12/17/18/19/20/25/26/28AB/66 TTD-LTE : B34/38/39/40/41 |
| | 5G: N1/N3/N7/N28/N38/N41/N77/N78/N79 |
| NFC | Yes |
| Work Time | Operation Time : 15 Hours Standby : About 15 Days |
| Button | 1 x Power On/Off, 1 x Volume +/- 1 x Programmable Smart Key, 1 x Broadcast Key |
| Compass | Support |
| AC Power | 110~240v 11V 3A |
| Wireless | WIFI (2.4G/5G) / WIFI6 |
| | Bluetooth: BT5.2 |
| | GPS, GLONASS, Galileo |

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Specification

| | |
|---------------------------------|---|
| Sensor | Gravity Sensor, Light Sensor, Range Sensor, Gyroscope Sensor |
| I/O Port | USB Type C Supports OTG |
| Others | TF Card: Supports up to 512GB Micro SD SIM Card: Double SIM (Nano) |
| Physical Characteristics | |
| Dimension | 217 x 129.3 x 16.2 mm |
| Weight | 643g |

Environment Compliance

| | |
|----------------|----------------------------------|
| Operating Temp | -20°C to +60°C |
| Working Temp | -30°C to +70°C |
| Humidity | 3% - 80% RH |
| Certifications | Design to Meet IP68/MIL-STD-810G |

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

ESY-L0801

8" Rugged Android Tablet

Deliverables

| No. | Item |
|-----|--------------------------|
| 1 | 8" Rugged Android Tablet |

Ordering Information

| Model Name | Description | Unit |
|------------|--------------------------|------|
| ESY-L0801 | 8" Rugged Android Tablet | 1 |

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