



A0-AD-1001

AON TM1 Terminal Movil



OCTA-CORE
ANDROID 11/13

5.5" DISPLAY
5000MAH BATTERY

SCANNER
13MP CAMERA
NFC

IP68
DROP RESISTANCE

AON TM1

Terminal Movil

Performance Characteristics

CPU: ARM Cortex-A53, Octa-core 2.0GHz / 2.3GHz

Operating System: Android 11.0 / 13.0

Memory: 4GB RAM + 64GB ROM
3GB RAM + 32GB ROM (optional)

SIM Card Slots: 2 × Nano SIM cards

Storage Expansion: 1 × Micro SD Card
(SDHC / SDXC supported, up to 512GB)

Physical Characteristics

Display: 5.5" HD+ IPS 720×1440, industrial-grade capacitive multi-touch

Battery: Removable Lithium Battery, 3.85V / 5000mAh

Backup Battery: Supports hot-swap
(device keeps working, optional)

Dimensions: 157.8 × 75.5 × 14.9 mm (L×W×H)

Weight: 250g (with battery)

Ports: 1 × USB Type-C (supports USB 2.0, OTG, fast charging)

Expansion Ports:

- 2-pin Rear POGO PIN – Trigger key
- 2-pin Bottom POGO PIN – Charging port

Keys: Power key ×1, Volume (+/-) keys ×1,
Function key ×1, Scan keys ×2

Prompts: Vibration, Multi-color LEDs, Audio

Audio: Speaker, Receiver, Dual Microphones (noise reduction)



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Sensors

G-Sensor, Light Sensor, Proximity Sensor

Optional: E-compass, Gyroscope

Data Capture

Scan Engine: Newland CM60

Rear Camera: 13 Megapixels, flash support, auto focus

Front Camera: 5 Megapixels, fixed focus

NFC: Supports ISO15693 / ISO14443A/B / Mifare / Felica cards

Network Connection

Wireless WAN

Eurasian:

4G – B34/B38/B39/B40/B41/B1/B3/B5/B7/B8/B20/B28A/B28B

3G – B1/B5/B8/B34/B39

2G – 850/900/1800/1900

American:

4G – B38/B41/B1/B2/B3/B4/B5/B7/B12/B17/B19/B26/B28A
/B28B/B66

3G – B1/B2/B4/B5/B8

2G – 850/900/1800/1900

Wireless LAN

2.4GHz & 5GHz dual-band Wi-Fi, supports 802.11r
fast roaming

IEEE 802.11 a/b/g/n/ac/ax ready (d/e/h/i/j/k/r/v/w)

Wireless PAN

Bluetooth 5.0 + BR/EDR + BLE

GPS

GPS L1, GLONASS, Beidou, Galileo



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User Environment

Operating Temperature: -20°C ~ +60°C

Storage Temperature: -40°C ~ +70°C

Charging Temperature: 0°C ~ +45°C

Humidity: 5%–95% RH (non-condensing)

Sealing Standard: IP68

Drop Spec: 1.5m

Tumble Spec: 1000 drops (500 cycles) at 0.5m,
room temperature

ESD: ±15 kV Air Discharge / ±8 kV Direct Discharge

Accessories

Standard: Power Adapter x1, USB Cable x1, Battery x1

Optional: Lanyard, Hand Strap, Cradle, Pistol Grip,
Protective Case, Screen Protecto



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