



Athena

Medical PDA



Dutch Design

Medical IT of Tomorrow

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Medical PDA

PERFORMANCE CHARACTERISTICS

CPU Qualcomm 8-core 2.4 GHz

Operating System Android13

Storage 4GB+64GB
(6GB+64GB/8G+128G compatible)

SIM interface Nano SIM*1+eSIM*1 (The main card supports 5G)

Storage expansion Micro SD Card, 128GB SDHC compatible

Interface/
Communication Waterproof Type C USB interface, support Type C headset; support USB3.0 HighSpeed; support OTG(nonsupport display); support fast charge

Keyboard Volume +, Volume -, Power button, Scan button×2, PTT button

Display 6-inch display, capacitive stylus, support glove mode 2160(H)×1080(W)

Power Supply Detachable 5000mAh Li-ion rechargeable battery (including spare battery)

Notification Voice, vibrator, LED indicator

Audio

Built-in single speaker (2W), built-in dual microphones (with noise reduction function)

Sensors

Gravity sensor, light sensor, distance sensor, electronic compass, gyroscope, barometer (optional)

Dimensions

161(H)×77(W)×13.6(T)mm

Weight (including standard battery)

280g

Operating Temp

From -20°C to +50°C

Storage Temp

From -40°C to +60°C (including battery)

Humidity

From 5% to 95% RH, without condensation

Sealing Grade

IP68

Drop Specification

1.5 m

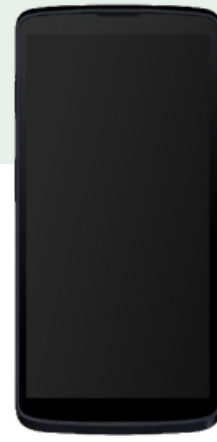
Tumble Specification

1000 cycles of 0.5m rolling (equivalent to 2000 impacts)

ESD

±15kV air discharge, ±8kV direct discharge

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DATA CAPTURE OPTIONS 2D Image Scan Engine (optional 1)

Image resolution	1280*800 pixels
Field of view	Horizontal: 42°, vertical: 26.8°
LED fill light source	Color temperature: 2700K; bright and uniform warm-color light source Service life: in line with IESNA LM-80 standards
Laser safety class	Class II
Image frame rate	60fps
Scanning depth of field	Code128 (3mil), depth of field: 9cm; Code128 (20mil), depth of field: 57.5cm Resolution: 3mil
Compatible symbols	1D: UPC/EAN, UPC/EAN, Code128, GS1-128, Code 39, Code 32, Code 93, Code11, Matrix 2 of 5, Interleaved 2 of 5, IATA 2 of 5, Industrial2 of 5, Codabar, MSI, Code11, etc. 2D: PDF417, MicroPDF417, Data Matrix, Maxicode, QR Code, MicroQR, Aztec, etc.

Front camera

Photo Function	Fixed focus
Pixels	8 mega pixel

Rear camera

Photo Function	PDFAF
Pixels	16 mega pixel
Flash + fill light	Available

RFID read/write (HF)

Read and write tags	Compatible with tags as specified in ISO15693, ISO14443A/B (without encryption protocol), ISO14443A with encryption protocol (Mifare one S50, S70 and compatible cards); compatible with NFC protocol
Working frequency	HF band 13.56MHz
Reading distance	Reading distance: 0-5.5cm (ISO15693), 0-4cm (ISO14443A), 0-1.5cm ID card

Collection of GPS location information

Positioning system	Three-in-one of GPS, Beidou and GLONASS, compatible with AGPS
Frequency	GPS: L1 (1.575GHz), L5 (1.176GHz), Beidou: B1 (1.561GHz); GLONASS: L1 (1.602GHz)

Fingerprint (optional)

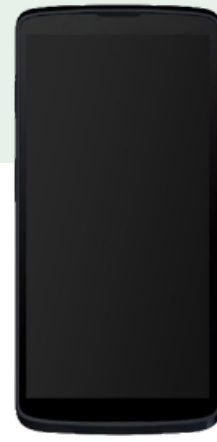
Function	Only unlocking function available
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WIRELESS DATA COMMUNICATION WLAN WIFI

Protocol IEEE802.11a/b/g/n/ac/d/h/i/k/r/v/ax
wifi6e (2.4G/5G/6G
protocol,2*2MIMO)

Frequency range Dependent on the country (region),
2.4GHz: 2.412GHz-2.472 GHz; 5GHz:
5.170GHz-5.825GHz

WWAN All Network (9-mode 30-frequency)

Frequency GSM: Qual
Band(850/900/1800/1900Mhz)
WCDMA: Band2, Band4, Band5,
Band8
TDD-LTE: Band38, Band39,
Band41, Band48
FDD-LTE: Band2, Band4, Band 5,
Band7, Band 8, Band12, Band13,
Band 17, Band25, Band 26, Band
66, Band 71
5G: N2, N5, N7, N25, N41, N48,
N66, N71, N77, N78, N79;
4G&5G dual connectivity :TDD NR
supports 1T4R SRS, 5G downlink CA (in-
band/interband), at least 2cc. VONR is
supported. Support PC2 power level.

3RD party application development support

System software Android 13

System programming environment Android Studio

External equipment and accessories

Standard accessories Portable adapter×1,
Type C data cable×1

Optional accessories Toughened Film, Hand Strap,
Single-Slot Charging Dock, Five-
Slot Charging Dock , Four-Slot
Battery Charger , Pistol Grip,
Protector Case



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