



Medical Tablet

APA020A



Dutch Design

Medical IT of Tomorrow

www.athena-medical.com

+31 85 876 9225
info@athena-medical.com

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CPU	Qualcomm 662, Octa-core, 4* Cortex A73 2.0GHz
OS	Android 14.0
RAM/SSD	RAM 6 GB LPDDR4x, SSD 64Gb
Expansion Slot	Micro SD Card, maximum 128GB SDHC compatible
Interface	Type-C interface, USB2.0 compatible, support Displayport, headphone and main device charging. Micro SIM Card, TF Card
Buttons	3 buttons (power, volume +/-)
Display	10.1" full-view LCD, capacitive touch, touch-with or without a thick glove/with dry or wet hand 1920(H)×1200(W), 400 nit normal brightness (High brightness 800 nit optional)
Power Supply	Bottom contact interface DC IN: Maximum 27W Non-removable 8000mAh rechargeable Li-ion battery Type-C interface, support QC3.0 PD charging, maximum 18W and 12V max
Bottom Contact Extension Interface	USB2.0, UART, 5V output, DC charging, When using the side type C port at the same time, the bottom I/O or accessories have a higher priority
Notification	One Red and green dual color: Red for charging (breathing for low power) and green for fully charged. One Red and blue dual color: Blue for new message (breathing) and red for scan indication.

Audio	Built-in dual stereo speaker, 4Ω2W*2, built-in dual microphone, support Type-C digital headphone.
Hand belt	Optional
Size	258*173*10.8 (12)mm
Weight	650 g, including standard batteries
Temperature	Working -10°C+50 Storage -20°C+60
Waterproof and Dustproof	IP65
Certification	IEC 60601-1
Resolution	1280*800
Drop level	1.2 m smooth marble
ESD	±15 kV air discharge, ±8 direct discharge
RFID	Support ISO15693, ISO14443A/B (no encryption protocol), ISO14443A tag with encryption protocol (Mifare one S50, S70 and compatible with CARDS); Support NFC protocol Support for the two generation ID card reading
Working frequency	HF band 13.56 MHz, Reading distance 0~6cm (ISO15693), 0~4cm (ISO14443A/B) (varies by the labels)

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Front camera	8 million pixels, fixed focus
Rear camera	13 million pixels, auto focus and double flashlights
WIFI	IEEE 802.11a/b/g/n/ac(2.4G/5G dual-frequency WIFI) 2X2 MIMO
Frequency range	Depending on the country (region), 2.4GHz is 2.412GHz-2.472 GHz;5GHz is 5.170GHz-5.825GHz
Working channel	CH1~CH13,CH34~CH140,CH149~CH165
Security	OPEN, WEP, WPA2-PSK(TKIP+AES), TLS, TTLS (MS-CHAP), TTLS(MS-CHAP v2), TTLS(CHAP), TTLSMD5, TTLS-PAP, PEAP-TLS, PEAP(MS-CHAP v2), AES etc.
Transmission Distance	2.4G: more than 150 meters, 5 G : more than 200 meters (industrial-grade AP, empty region)

Bluetooth	Bluetooth 5.0 (dual mode, support BLE) Distance more than 20 m (industrial Bluetooth adapter)
Data Rate	802.11a: 6,9, 12,18, 24,36, 48,54 Mbps 802.11b: 1, 2,5.5,11Mbps 802.11g: 6,9,12,18,24,36,48,54Mbps 802.11n: 6.5, 13, 19.5, 26,39, 52, 58.5,65Mbps (20MHz,Long GI,800ns) 802.11n: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65,72.2Mbps 20MHz, short
Certificaten	IEC60601-4, CE, RoHS The product design complies with the IEC 60601-1-2 and IEC TS 60601-4-2:2024 design standards