



Medical Tablet

APA020W



Dutch Design

**Medical IT
of Tomorrow**

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CPU	Intel Core M3-8100Y, 2 core 4 thread 1.1 GHz, maximum Rui frequency 3.4 GHz/Intel UHD 615, basic frequency 300 MHz, maximum dynamic frequency 900
OS	Windows 11 with a license key
RAM/SSD	8GB LPDDR3 Samsung 1867MHz GB /128(Kingston/Solid Hard Disk
User Storage Extension Interface	Micro SD Card, support SDXC TYPE-C interface, support host charging, support USB3.0(down compatible USB2.0, support for headphones, etc
SIM slot	Nano-SIM card support
Press button	Front 5-megapixel + Rear 13-megapixel, with autofocus feature
Buttons	3 buttons (power, volume +/-)
Display screen	11.0 inch full view LCD, capacitive 10-point touch, glove/water touch supported Resolution 1920×1200, normal brightness (customizable highlight 800 nit)
Power supply	Power supply, Maximum input power 27 W DC IN: bottom contact interface Detachable 7.7 V lithium ion rechargeable battery mAh 5070 typical 4920 mAh rating USB TYPE-C interface, support PD fast charging
Bottom contact extension interface	USB2.0, 5V output, DC input, IO

Indicator	One red and green double color: red charge indication, green working state indication. A red and blue double color lamp: blue (reserved), red scan indicator lamp.
Audio	Built-in stereo speaker ,4Ω2W*2. Built-in double microphone. support TypeC digital headset.
Sensor	Acceleration sensors, ambient light sensors
Hand strap	Standard
Size	258*173*10.8(12) mm
Weight	690 g, including standard batteries
Certification	IEC 60601-1
Resolution	1280*800
Waterproof and Dustproof	IP65
Drop level	1.2 m smooth marble
ESD	±15 kV air discharge ,±8 direct discharge
Temperature	Working -10°C+50 Storage -20°C+60

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Front camera	2 million pixels, fixed focus
Rear camera	8 million pixels, auto focus and flash mode
RFID	Supports ISO15693、ISO14443A/B (without encryption protocols), ISO14443A tags with encryption protocols (Mifare one S50,S70 and their compatible cards)
Working frequency	HF band 13.56 MHz
Read distance	Read distance 0~6 cm (ISO 15693),0~4cm (ISO 14443A/B (label-related))
Fingerprint collection	508DPI,256*360pix, support fingerprint collection, second generation fingerprint module
WIFI	WIFI 6,IEEE 802.11a/b/g/n/ac/ax (2.4G/5G dual-frequency WIFI)2X2MIMO
Frequency range	The 2.4 GHz is usually 2.412 GHz-2.472GHz;5GHz 5.170 GHz-5.835GHz depending on the country or region
Working channel	CH1~CH13,CH34~CH64,CH100~144, CH149CH1~CH13,CH34~CH64,CH100~CH165
Certificaten	IEC60601-4, CE, RoHS The product design complies with the IEC 60601-1-2 and IEC TS 60601-4-2:2024 design standards

Security	OPEN、WEP、WPA2-PSK (TKIP +AES), EAP-TLS, EAP-TTLS/MS-CHAPv2, PEAPv0-MSCHAPv2, AES, etc. Intel vPro Technology、Intel Active Management Technology
Transmis-sion istance	2.4 G greater than 250 m ,5 G greater than 200 m (industrial AP, open area)
Data rate	a: 6,9,12,18,24,36,48,54Mbps 802.11 b: 1,2,5.5,11Mbps 802.11 g: 6,9,12,18,24,36,48,54Mbps 802.11 802.11 n: 6.5, 13, 19.5, 26,39 ,52,58.5, 65Mbps (20 MHz, Long GI ,800 ns) 802.11 n: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2Mbps (20 MHz, short GI ,400 ns) ac: 20MHz/40MHz/80MHz/160MHz MCS0~MCS9 802.11 ax: 20MHz/40MHz/80MHz/160MHz MCS0~MCS11 802.11
Bluetooth	Bluetooth 5.0 (dual mode, support BLE) Distance more than 20 m (industrial Bluetooth adapter)
Standard fittings	Power adapter ×1, dual TYPEC data line ×1, hand strap ×1
Accessories	Single Multi-function Seat Charger, Silicone Protective Cover and Toughened Film