EA510HC

Healthcare Mobile Computer

Unitech Healthcare Solution

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EA510HC

IR temperature measurement
Embedded medical grade IR thermal module, real-time report precisely temperature, error rate only ±0.3℃.

Anti-Microbial ant Disinfectant-Ready
Material of housing meet JISZ2801 Anti-Microbial standard, can afford wiping by alcohol and sterilized water. From inside to outside, stop cross-infection.

Superior performance
Advanced Octa-core new architecture processor, boost performance while reduced power consumption. High efficiency antenna design, seamless WIFI roaming, and wide LTE frequency coverage, present you best transfer experience.

Advance giant screen
5.7" giant bezel-less HD screen, assist medical personnel grab all information in a glance. Ultra-high brightness touch screen delivers clear vision even under sunlight.

Efficient intercommunication
Pre-installed network-based voice intercom system, teamwork is accessible by anyone, any time, any where. Voice command and TTS (text-to-speech) release your hand to save more lives.

Device management tools
U-Home, a series device management tools for injecting your new power.
1. U-setting: Savvy way for massive deployment
2. Scanwedge: All scan setting you needed.
3. AutoInstall: Pre-install and start up, everything automatic.
4. FeatureSetting:Inspiration settings, only at Unitech.

Unitech Europe
Tilburg, The Netherlands • Tel.: +31 (0)13 460 9292 • Email: Info@eu.ute.com • Website: http://eu.ute.com

PERFORMANCE CHARACTERISTICS

CPU	Octa-core process
Memory	RAM: 2GB, ROM:16GB RAM: 4GB, ROM:64GB(Optional)
O.S.	Android 9.0

PHYSICAL CHARACTERISTICS

Display	5.7" TFT-LCD 720*1440 pixels 1080* 2160 pixels (Optional)
Touchpanel	Ultra sensitive capacitive touch panel, works with gloves and wet fingers; Corning® Gorilla® Glass; Multi-touch
Dimensions (L×W×H)	162.6mm× 76mm×13.6mm 6.4in× 3in× 0.53in
Weight	250g/8.8oz (include battery)
Power	Rechargeable 3.85V 4300mAh lithium polymer battery pack(Typical Operation time ≥10 hours) Support QC4.0 quick charge, charging time less than 3 hours
Micro-SD	Micro-SD card,Up to 256GB extensions
SIM	2×Nano-SIM slots
Notification	LED, Speaker, Vibrator
Buttons	Scan button ×2, Power button, Volume +/- button, User definable button
Audio	Dual-microphone support with noise cancellation,high quality speaker, PTT headset support; cellular circuit switch voice

ENVIRONMENTAL

Operating Temperature	- 20°C ~ 60°C (-4°F~140°F)
Storage Temperature	- 40°C ~ 70°C (-40°F~158°F)
Humidity	5%RH ~ 95%RH(non condensing)
Drop Specification	Multiple 5 ft./1.5 m drops on concrete across full operating temperature range.
Tumble Specification	400 roller drops of 1m, with a frequency of 10 roller test per minutes
Thermal Shock	- 40°C ~ 70°C (-40°F~158°F) rapid transition
Sealing	IP67
ESD	±15kV air discharge; ±8kV direct discharge

DATA CAPTURE

Scanning	1D/2D imager
Camera	Front - 5MP Rear - 13MP auto-focus color rear camera with flash
NFC	ISO 14443 Type A and B; FeliCa/Mifare and ISO 15693 cards; Reader mode, P2P mode, Card Emulation mode Apple Enhanced Contactless Polling(ECP)

WIRELESS WAN DATA AND VOICE COMMUNICATIONS

Radio Frequency Band	TD-LTE(B34/B38/B39/B40/B41) FDD-LTE(B1/B2/B3/B4/B5/B7/B8/B12/B17/B19/B20/B28A/B28B) WCDMA(B1/B2/B4/B5/B8) TD-SCDMA(B34/B39) CDMA2000 1x EV-DO Rev.A BC0 (800MHz) CDMA 1x GSM/EDGE/GPRS(850/900/1800/1900)
GPS	Concurrent GPS; GLONASS; Gallileo; BeiDou, and A-GPS
Vo-LTE	Support Vo-LTE HD video voice call

WIRELESS LAN

WIFI	IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w
Data Rates	5GHz:802.11a/n/ac----up to 866.7Mbps 2.4Ghz:802.11b/g/n---- up to 300Mbps
Operating Channels	2.4G: 1-13(Depend on regulatory rules & certification agency) 5G: 36,38,40,42,44,46,48,52,56,60,64,100,104, 108,112,116,120,124,128,132,136,140,149,153, 157,161,165
Security and Encryption	WEP;WPA/WPA2-PSK(TKIP and AES);WAPI-PSK-EAP-TTLS, EAP-TLS,PEAP-MSCHAPv2,PEAP-LTS,PEAP-GTC,PWD, SIM, AKA
Fast Roaming	PMKID caching, 802.11r, OKC

WIRELESS PAN

Bluetooth	BT4.2 + BR/EDR + BLE

INTERACTIVE SENSOR

Sensor	Acceleration sensor, light sensor, proximity sensor,3-axis geomagnetic sensor, fingerprint sensor

Optional Accessories

Single-slot Cradle   Hand Strap   4 slots battery charger   5 chains multi-function cradle