unitech

EA630HC
Rugged Healthcare Mobile Computer

Create a safe and hygienic environment for patients and staff with Unitech's EA630HC mobile computer. Designed for busy healthcare spaces, the disinfectant ready EA630HC combines the highest cleanliness standards and rugged performance for an optimized device for use in point of care applications in hospitals, medical offices, and nursing facilities.

Healthcare Management Built Smart

The Unitech EA630HC is designed to serve workers on the frontlines. From shift to shift, users can count on a device that lasts through the day and incorporates industrial strength materials made for heavy-duty cleaning. The EA630HC has the ability to withstand repeated cleaning and disinfecting which prevents the spread of germs and viruses. An ultra-fast Qualcomm Octa-Core processor streamlines the work process in patient identification, treatment verification, and asset tracking. This handheld allows staff to take patient medical records and charts with them without bulky papers and clipboards for a fully mobile device.

Ease of Use

Running on Android 9 or10 OS, the EA630HC is a GMS & AER Certified device that ensures an intuitive and efficient experience. With its advanced 2D barcode scanner, the EA630HC enhances visibility to capture most 1D / 2D barcodes even in low light or bright light environment. An integrated HF/NFC RFID reader/writer, GPS localization, and a high-resolution 16MP camera complement this compact device. Featuring Bluetooth® 5, WiFi dual bands with fast roaming and 4G connectivity, the EA630HC is an excellent mobility device with multiple connection points.

All-in-One Functionality

Featuring a 6-inch 18:9 display and Corning Gorilla Glass 6, and offering an 80% screen to body ratio, the EA630HC's 80% screen to bezel ratio allows more display screen viewing than most rugged mobile devices. It provides screens with durable protection from scratches and other external damage and a 450nits brightness offers easy viewing in outdoor environments. The EA630HC rugged smartphone is sturdy enough to withstand 5-foot (with boot case) drops onto concrete and endures harsh environments with its IP65 waterproof and dustproof seal.

Long-lasting Battery Life

The EA630HC's powerful 4000mAh battery is designed to have up to 16 hours operating time, giving you the flexibility to work throughout the day. Additionally, it supports MDM software solutions and utilities such as Airwatch, SOTI, and MoboLink which provides users the flexibility to choose the device management system that best suits their needs.

Main Features:

- Following Ethanol safe standards ISO11737-1/-2 to withstand repeated cleaning and disinfecting using ethanol or isopropyl alcohol
- 6-inch rugged smartphone with a screen-to-body ratio of over 80%
- Android 9 or 10 OS with GMS & AER Certification
- All-In-One functionality: 2D Imager, HF/NFC and 16MP camera
- Rugged: Corning® Gorilla® Glass 6 touch display, IP65 rated, and 4-foot drop (5-foot with boot case)
- Long-lasting removable 4000mAh battery (Up to 16 hours working time)
- Support Bluetooth® 5 / dual-band WLAN, fast roaming / 4G LTE
- Supports MDM Software Solutions and utilities such as AirWatch, SOTI, and MoboLink.

System

CPU	1.8GHz, Qualcomm® Snapdragon™ 636, 64bits Octa-core Processor
Memory	3 GB RAM / 32GB Flash
OS	Android 9 or 10 with GMS (Google Mobile Service) certification & AER (Android Enterprise Recommended)
Supported Languages	English, Simplified Chinese, Traditional Chinese, Japanese, Spanish, German, French, Italian, Portuguese, Korean and multiple languages. Input Chinese/ English Supports handwriting and soft keyboard

Display

6", 18:9 Full-HD (2160 x 1080) color screen (450nits); Gorilla® 6 Glass with 5-point Capacitive Touch Panel, compatible with gloves and supports wet resistance

Symbologies

1D	**1D:** UPC/EAN/JAN, GS1 DataBar, Code 39, Code 128, Code 32, Code 93, Codabar/NW7, Interleaved 2 of 5, Matrix 2 of 5, MSI, Trioptic
2D	**2D:** PDF417, MicroPDF417, GS1 Composite, Code11, Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code, DOT Code
	Postal: Intelligent Mail Barcode, Postal-4i, Australian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code
	OCR: OCR-A, OCR-B, E13B (MICR)

Power Source

Main battery	3.85V, 4000mAH Li-polymer battery

Buttons / Keypad

Programmable key, Volume up/down key, Left/right scan key, Power key

Indicator Type

LED, Speaker, Vibrator

RFID

UHF	UHF gun grip (RG630)
HF	Support HF/NFC Frequency 13.56Mhz Support: ISO14443A/B, ISO15693 standard

Enclosure

Ethanol safe Housing	Ethanol safe Housing Ethanol safe standards ISO11737-1/-2
Weight	230g

I/O Interfaces

USB	USB 3.1 (type-C) support USB OTG (support quick charge and display port alternate mode)
SIM Slot	Nano SIM Slot x 2
Expansion Slot	MicroSD, up to 256 GB
Audio	One speaker (95±3dB @ 10cm), One receiver, Dual noise-cancelling microphones

Environmental

Operating temperature	14° to 122°F (-10°C to 50°C)
Storage temperature	-22°F to 158°F (- 30°C to 70°C) without battery
Relative humidity	10% ~ 90% (Non-Condensing)
Drop test to Concrete	4-feet (1.2m) MIL-STD 810G, 5-feet (1.5m) with boot case
Environmental seal	IP65

Communication

Camera	16 MP Rear and Flash Light
Bluetooth®	Bluetooth® 5 supported
WLAN	Wireless LAN 802.11a/b/g/n/ac, 2.4GHz and 5GHz Support 802.11d/e/h/i/k/r/v, fast roaming Compliant with WEP, WPA and IEEE 802.11i WPA2
WWAN	GSM: 850,900,1800,1900 MHz WCDMA: Band 1, Band 2, Band 5, Band 8 LTE:FDD-LTE (B1/B2/B3/B4/B5/B7/B8/B12/B17/B19/B20/B28) TDD-LTE (B38/B39/B40/B41) Dual nano SIM Slot
GPS	AGPS, GPS, GLONASS, Beidou, Galileo, QZSS, SBAS
Sensor	Gyroscope, Light sensor, e-Compress, Proximity sensor, Accelerometer sensor

Software

SOTI, AirWatch and MoboLink

Accessories

USB 3.0 type-C cable	Single Slot Charging Cradle
Quick charge adaptor via USB type-C cable	Single Slot USB Cradle
	Single Slot Ethernet Cradle
Hand strap	Adaptor with plugs for 1-slot cradle
Boot case	Standard gun grip
9H glass screen protector	RG630 UHF gun grip
Battery 3.85V 4000mAh	2D long-range gun grip

Regulatory Approvals

CE, FCC, NCC, BSMI, VCCI, TELEC, CCC, SRRC, RoHS, CEC, BQB, N-Mark compliance.