

Medical-specific as desired

EM-HC19
Windows Medical
Rugged Tablet PC



10.1 inch



Windows 11



Wi-Fi



4G



Bluetooth 5.1 Long endurance



Long endurance



IP65



High-performance

- ARM octa-core processor, Windows 11 OS
- 10.1-inch IPS screen with resolution of 1920×1200
- 10-point capacitive screen with an active stylus optional

Full-featured

- Lightweight design, the shell is made of medical-specific material
- Integrated QR code scanning technology
- Multi-accessory of hand-strap, docking charger, leather keyboard

Rapid Communication

- Dual-band WiFi 5, supports seamless AP roaming
- Supports BT5.1
- Supports 4G WAN connectivity

Strongly Stable

- Passed the IP65 standard and 1-meter drop test
- Passed the IEC60601-1 of the international standard for medical electrical equipment
- Supports safe contact discharge ±8kV and air discharge ±15kV

Specification Parameter

Basic parameters	
Dimension	263 x 177 x 10.5mm
Weight	700g
Device Color	white
LCD	10.1 inch IPS 16:10, 1200x1920, 400nits
Touch Panel	10 point G+G capacitive touch screen
Camera	Front 5.0MP Rear 13.0MP
I/O	USB Type-C x 1, SIM Card x 1, TF Card x 1, (Two out of three Cato) 12PIN Pogo Pin *1
Power	USB Type-C interface, Voltage stabilization 12V/3A, 36W

Communication	
WiFi	WiFi 802.11 a/b/g/n/ac (2.4G+5.0G or 5.1G+5.8G)
Bluetooth	BT5.1
2G/3G/4G (Optional)	European version band: GSM: NA WCDMA: B1/B3/B5/B8 FDD: B1/B3/B5/B7/B8/B20/B28(a+b) TDD: B38/B39/B40/B41 American version band: GSM: NA WCDMA: B2/B4/B5 FDD: B2/B4/B5/B12/B13/B14/B17/B25/B26/B30/B66/B71 TDD: B38+B41N
GPS	Built-in GPS/Galileo/GLONASS/BeiDou(G+G+G+B)

Performance parameter	
CPU	ARM OCTA Core
OS	Windows 11Pro
RAM	8GB
ROM	128GB

Battery	
Capacity	4750mAh/7.6V
Type	Built-in Li-polymer battery
Endurance	11hrs (50% volume sounds, 400 lumens brightness, 1080P HD video display by default)

Reliability	
Operate Temperature	-10 °C ~ 50 °C
Store Temperature	-20 °C ~ 60 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified
Drop Height	1m

Data Collection	
2D	Optical resolution: 3mil/scan speed: 75 times/s

Application Scenario



Ward round of doctor



Electronic health record



Pharmacy Management