

EMS19J

Rugged Tablet PC

Delivering the performance you need



Windows



IP65



GPS



High-capacity



Camera



NFC



4G



WIFI



Bluetooth



2D



Performance

- Intel N5100 Processor
- Windows 11 OS, 8GB + 128GB
- 10.1 inch IPS screen with 10-point touch

Communication

- Dual band Wi-Fi 5
- High speed 4G/5G Optional
- Upgrade BT 5.2, fast and more stable

Function

- Support GPS / GLONASS / GALILEO / BDS
- Equipped with multiple accessories, like docking charger, hand-strap, detachable keyboard

Reliability

- IP67 Waterproof and Dustproof
- Impact resistance: Drop from a height of 1.8 meters
- Built to operate in extreme temperatures

Product Six Views



* All technical data, specification and performance figures subject to change without notice.

Specification Parameter

Basic parameters	
Dimension	260 x 174 x 12.7mm
Weight	930g
Device Color	black
LCD	10.1 inch IPS 16:10, 1200x1920, 700nits
Touch Panel	10 point capacitive touch screen
Camera	Front 5.0MP Rear 8.0MP
I/O	USB Type-C x 2 (3.2) SIM Card x 1 12pins Pogo Pin x 1
Power	USB Type-C interface, Voltage stabilization 12V/3A, 36W
Communication	
WIFI	Wi-Fi 5 (802.11 ac)
Bluetooth	BT5.2
4G/5G	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
GNSS	Support GPS/Galileo/GLONASS/BeiDou(G+G+G+B)

Performance parameter	
CPU	Intel N5100
OS	Windows 11
RAM	8GB
ROM	128GB
Battery	
Capacity	4800mAh
Type	Built-in Li-polymer battery

Data Collection	
2D	Optional Optical resolution: ≥3mil scan speed: 75 times /s Code system: 1D: Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, ISSN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, AIM128, Plessey, MSI_x005f_x005f_x005f_x005f_x005f_x0002_Plessey 2D: PDF417, QR Code, Micro QR, Data Matrix
Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP67 certified
Drop Height	1.8m

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Outdoor Exploration



Instrument Testing



Manufacturing Industry



Medical Treatment