

EM-I22J

2 in 1 Rugged Notebook

New upgrade, New experience



Performance

- Intel Jasper Lake processor Celeron N5100
- 12.2 inch IPS screen, 1920x1200
- 10-point capacitive touch

Communication

- Dual 5G (SA/NSA) network support
- High speed 4G LTE and dual-band Wi-Fi 5
- Upgrade BT 5.0, fast and more stable

Features

- Front 5.0MP + Rear 8.0MP, autofocus with flashlight
- Support GPS and GLONASS
- Equipped with multiple accessories, like docking charger, hand-strap, vehicle mount, car charge, carry handle

Reliability

- IP65 Waterproof and Dustproof
- Vibration & 1.22m drop resistant
- MIL-STD-810G certified

Product Six Views



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

Basic parameters	
Dimension	319.6 x 216 x 24.3mm
Weight	device unit 1500g
Device Color	black
LCD	12.2 inch 16:10, 1920x1200
Touch Panel	10 point capacitive touch screen
Camera	Front 5.0MP (MIPI) Rear 8.0MP(MIPI)
I/O	USB Type-C x 1, USB 2.0 Type-A x 1, USB 3.0 Type-A x 2, SIM Card x 1, TF Card x 1, Φ4mm DC jack x 1, HDMI 1.4a x 1, 12pins Pogo Pin x 1, RJ45 x 1, DB9 RS232 x 1, DB9 RS485 x 1, Φ3.5mm standard earphone jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, DC 19V/3.42A
Battery	
Capacity	1000mAh/7.4V
Type	Built-in Li-polymer battery
Endurance	1hrs (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)
Battery	
Capacity	6300mAh/7.4V
Type	Removable Li-polymer battery
Endurance	8.5hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)

Performance parameter	
CPU	Intel® Celeron® Processor N5100
OS	Windows 11, Optional Windows 10
RAM	8GB, Optional 4GB/16GB
Storage	128GB, Optional 64GB/256GB/512GB

Network connections	
WIFI	802.11 a/b/g/n/ac (2.4G/5.8G)
Bluetooth	BT5.0 Transmission distance: 10m
2G/3G/4G/5G (Optional)	LTE-FDD: B1/3/5/7/8/20 LTE-TDD: B40 WCDMA: B1/5/8 GSM: 900/1800 Optional 5G, SA&NSA: N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N71/N77/N78/N79 5G SA&NSA: LTE-FDD: B1/B3/B5/B7/B8/B18/B19/B20/B28/B32 LTE-TDD: B34/B38/B39/B40/B41/B42, WCDMA: B1/B5/B8 5G SA&NSA: LTE-FDD: B1/B3/B5/B8/B28 LTE-TDD: B34/B38/B39/B40/B41 WCDMA: B1/B8, N1/N28/N41/N78/N79
GNSS	Support, GPS, Glonass

Data Collection	
1D/2D	Optional, Optical resolution: 5mil/ scan speed: 50 times/s
NFC	Optional, 13.56MHz, Support ISO/IEC 14443A/B/15693/18092/mifare protocols Card reading distance: 4cm

Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m drop

Accessories



Application Range

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

