

EM-I61J

6.5" Rugged IP67 Handheld



Specifications

Display

- 6.5" 720x1600 20:9 TFT LCD, 500 cd/m²

Touchscreen

- Capacitive multi-touch (5 points)
- Corning® Gorilla® glass

CPU

- Intel® Celeron® N5100 Quad Core, up to 2.8 GHz

Graphics

- Intel® UHD Graphics

Memory

- 8GB DDR4

Storage

- 64GB eMMC
- Optional : 128GB

OSD Function

- Power On/Off, 1x Scanning key, Volume up/down

Ports I/O

- USB Type-C OTG (USB 2.0) for Charging/Data/HDMI
- USB 3.0 Type A, Data transfer
- Pogo Pin for Docking charger DC61J
- 1x TF Slot (Micro SD) up to max. 512GB
- 1x Nano SIM Slot
- 1 Ohm/1W speaker

Communication

- WiFi 2.4GHz/5.8GHz 802.11a/b/g/n/ac
- BT v5.0
- 2G/3G/4G WAN
- LTE FDD: B1/B3/B7/B8/B20, LTE TDD: B40
- WCDMA: B1/B5/B8, GSM: 900/1800
- Support China (Unicom, Telecom, Mobile) Europe, Middle East, Africa, Taiwan, Japan
- Optional : NFC³ 13.56MHz, 2D Barcode²

Positioning & Sensors

- G-sensor
- Optional : GPS / GLONASS

Cameras

- 8MP Rear with autofocus
- 5MP Front with fixed focus

Power

- Power input: USB-C connector
- External power adapter 100-240VAC 0.5A 50/60Hz PD3.0 45W
- 4000 mAh / 7.4V Li-ion polymer, removable, 6 hrs¹ battery life

Dimensions

- Dimension (W x H x D): 88.6 mm x 183.1 mm x 24.1 mm
- Weight: 470g

System & Environment

- Operating -20°C to 60°C
- Storage -30°C to 70°C
- Drop : from 1.5 m
- Humidity : 95% (non-condensing)
- IP67 Protection, MIL-STD-810H

Operation System

- Windows 11 IoT Enterprise CBB/SAC
- Optional : Windows 10 IoT Enterprise 2021 LTSC
- Windows 10 IoT Enterprise CBB/SAC

Available Options

- 2D Barcode scanner²
- NFC³ 13.56 MHz

Available Accessories

- standard external Charging power adapter
- Charging station DC61J
- Hand-strap
- Vehicle mount
- TP Resist protection film

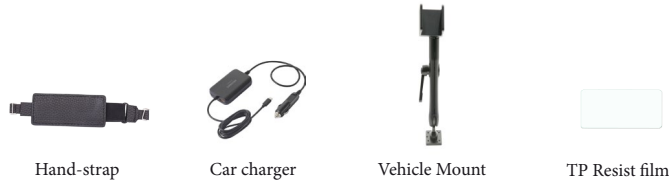
1. Tested with 50% volume sounds, 50% screen brightness, 1080P HD video playback
2. NFC Support 13.56MHz, Support ISO/IEC 14443A/14443B/15693/18092/mifare protocol, Card reading distance: 3-5cm
3. Optical resolution: 5mil; Scanning speed: 30 times /s; Support code: PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse Maxicode, QR Code, MicroQR, QR Inverse, Aztec, Aztec Inverses, Han Xin, Han Xin Inverse

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I/O Details



Optional Accessories



Ordering Information

more configurations on request

PN	CPU/SOC	RAM	Storage	WiFi/BT	LTE/GPS	NFC	Additional options	Operating System
EM-I61J-BJ75A0NQ	N5100	8GB	128GB	yes	yes	yes	no	Windows 11 Ent. SAC/CBB
EM-I61J-BJ75A03Q	N5100	8GB	128GB	yes	yes	yes	2D Barcode	Windows 11 Ent. SAC/CBB
EM-I61J-BJ75N03Q	N5100	8GB	128GB	yes	yes	no	2D Barcode	Windows 11 Ent. SAC/CBB
EM-I61J-BJ75A0NR	N5100	8GB	128GB	yes	yes	yes	no	Windows 10 Ent. 2021 LTSC
EM-I61J-BJ75A03R	N5100	8GB	128GB	yes	yes	yes	2D barcode	Windows 10 Ent. 2021 LTSC
EM-I61J-BJ75N03R	N5100	8GB	128GB	yes	yes	no	2D barcode	Windows 10 Ent. 2021 LTSC