



BCX-i808

8-inch, Windows 11 Pro- Rugged Tablet



Delivering More Performance

The power of an enterprise computer for frontline workers - Engineered to withstand harsh environments.

Water & dust protected to IP65 with enhanced corner protection to absorb casual knocks, the BCX-i808 is ready to deliver high performance via high speed communications, WiFi, 4G or Bluetooth. For desktop operation, the BCX-i808 can operate directly from its wall socket power supply with complete stability.

Performance

- Intel Alder Lake processor N100.
- 8-inch IPS screen, 1920 x 1200FHD, toughened screen.
- 5-point capacitive touch.
- Memory 8-128GB + TF storage 512GB.

Features

- Front 5.0MP + rear 8.0MP, autofocus camera with flash light.
- Symmetric speakers. More immersive, more clear.
- User-friendly buttons designed for efficient action.
- NFC reader - optional.

Communication

- High speed communication as 2.4G + 5.8G WiFi 6, 4G LTE, BT.0.
- Efficient file transfer via advanced USB Type-A/Type-C 3.0/3.1 I/O port, HDMI 2.0.
- High performance 2D imager for data capture.

Reliability

- Enhanced rugged corners withstand shock and impact.
- IP65 water and dust proof, MIL-STD-810G certified.
- Removable 5000mAh battery & battery-free working mode.





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BCX-i808 Technical Specification

Drop standard	MIL-STD-810G
Waterproof	IP65
CPU	Intel Alder LAKe N100/GPU intel® UHD Graphics
OS	Windows 10/11 Home/Pro/IOT
Display	IPS 8 inches 16:10 1200*1920 Brightness: 550cd/m² Hardness Above 7H, scratch-Resistant, COF, Supports 930 Stylus
RAM+Flash	RAM 8GB LPDDR5 = ROM 128GB EMMC
Wi-Fi 6	Wi-Fi 6 802.11 (a/b/g/n/ac/ax 1x1) Frequency: 2.4G=5.8G Dual-band WIFI intel AX101
Camera	Front 5.0MP, Rear 8.0MP (USB) and Auto Flash Light
BT	BT5.2 (BLE)
GPS	Supports GPS, Glonass; capture Sensitivity: -140dBm; Cold Start Time: <50 seconds, Hot Start Time: <5 seconds; GPS Frequency: 1575.42MHz
Battery	Removable Polymer Lithium-ion Battery 7.6V/5000mAh
Speaker	Front dual waterproof speaker 8Ω /0.8W
4G LTE	LTE FDD:B1/B3/B5/B7/B8/B20/B28 LTE-TDD B38/B40/B41
3G WCDMA	B1/B5/B8
I/O interface	USB 3.0*1 (TypeA), TypeC *1 (data & charging) 3.5mm Standard Earphone Jack *1
TF Storage	Max to 512GB
NFC	Optional NXP300/NFC 13.56MHz Supports 14443A/14443B/15693/18092/mifare protocols of ISO/IEC
2D Scanner	Optional: Honeywell N4680 Hardware Decoding Optical Resolution: 5mil Scanning Speed: 50 scans/s Supported Barcode Types: PDF417, MicroPDF417, Data matrix, Data Matrix Inverse, Maxicode, QR Code, MicroQR, QR Inverse, Aztec, Aztec Inverses, Han Xin, Han Xin Inverse
Buttons	Power *1 Volume + Key *1 Volume - Key *1 P1 Key *1 (HOME Key) F Key *1 (barcode Scanning, Connected to GPIO)
Size/Weight	236.7*155.7*20.8mm
Accessories	Standard adapter, cable
Optional	Upgrade DDR16GB extra fee, NFC, Docking, extra 7.6V/5000mAh battery, 2D Honeywell, Car holder