

# MIC-L0803

8" Intel® N100 Rugged Tablet

## Features

- Intel® Processor N100, 6M Cache, Up to 3.40 GHz
- 8-inch Display
- 1920 x 1200 FHD+ Resolution
- 5-point Capacitive Multi-Touch Screen
- Strengthen Touch Glass
- 550nits Brightness
- Rugged Design, Designed to Meet MIL-STD-810H
- Battery with UN38.3, MSDS, Air Maritime Reports, IEC62133
- Optional, Customized Third-Party Developed, Non-System-Based Software Required for Power-Performance Management

## Appearance





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## Revision Table

Date	Revision	Content	By
2025/5/8	0.1	First Draft	Dennis
2025/5/9	0.2	Added Power-Performance Management Software Option	Dennis

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## Specification

LCD Panel	
LCD Size	8 inch IPS
Backlight	LED
Resolution	1920 x 1200
Brightness	550 nits
Touch Glass	5-Point Capacitive Multi Touch Screen, Strengthen Glass
Camera	Front 5.0MP; Rear 8.0MP
System	
CPU	Intel® Processor N100, 6M Cache, Up to 3.40 GHz
Memory	8GB
Storage	128GB
Interfaces	1x USB-A 3.0 1x USB-C 3.0 1x HDMI mini 2.0 1x SIM Card Slot 1x SD Card 1x 3.5mm Earphone Jack
Buttons	4x Function Keys #1 1x Power Button
Connectivity	WiFi6 802.11(a/b/g/n/ac/2/ax 1x1) Frequency: 2.4G+5.8G Dual-Band Bluetooth 5.2 4G: LTE-FDD: B1/B3/B5/B7/B8/B20/B28; LTE-TDD B38/B40/B41
GNSS	GPS + Glonass
Support System	Linux Ubuntu 22.04.4
Battery	5000mAh, Removable Polymer Lithium-ion Battery
Power Management	Optional customized third-party developed, non-system-based software required for power and performance management. #2
Power	DC12V

#1: Function Keys are provided as customized basis that would need definition from user. Otherwise, F1-F4 will be defined as keyboard F1-F4 accordingly.

#2: ACT can assist in introducing third-party software developers for this solution.

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## Specification

Mechanical	
Colour	Black-Grey
Dimension	237 x 155.9 x 21 mm (W x L x H)
Material	Polycarbonate (PC) & Thermoplastic Polyurethane (TPU)

## Environment Compliance

Operating Temp.	-20°C to +60°C
Storage Temp.	-30°C to +70°C
Humidity	Ta≤40°C, 95%RH, Non-Condensing
Shock	Design to meet MIL-STD-810H
Vibration	Design to meet MIL-STD-810H
IP Rating	IP65
Drop Rating	1.22m

Environmental performance may vary according to the integration method or final integration scenario.

## Reference Photo





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## Deliverables

1	8” Intel® N100 Rugged Tablet
2	AC to DC Adapter (DC12V, 4amp)
3	Hand Strap

## Ordering Information

Model Name	Description	Unit
MIC-L0803	8” Intel® N100 Rugged Tablet	1

### Disclaimer

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