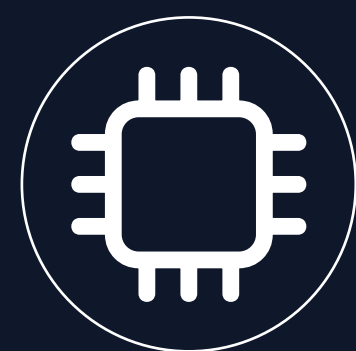
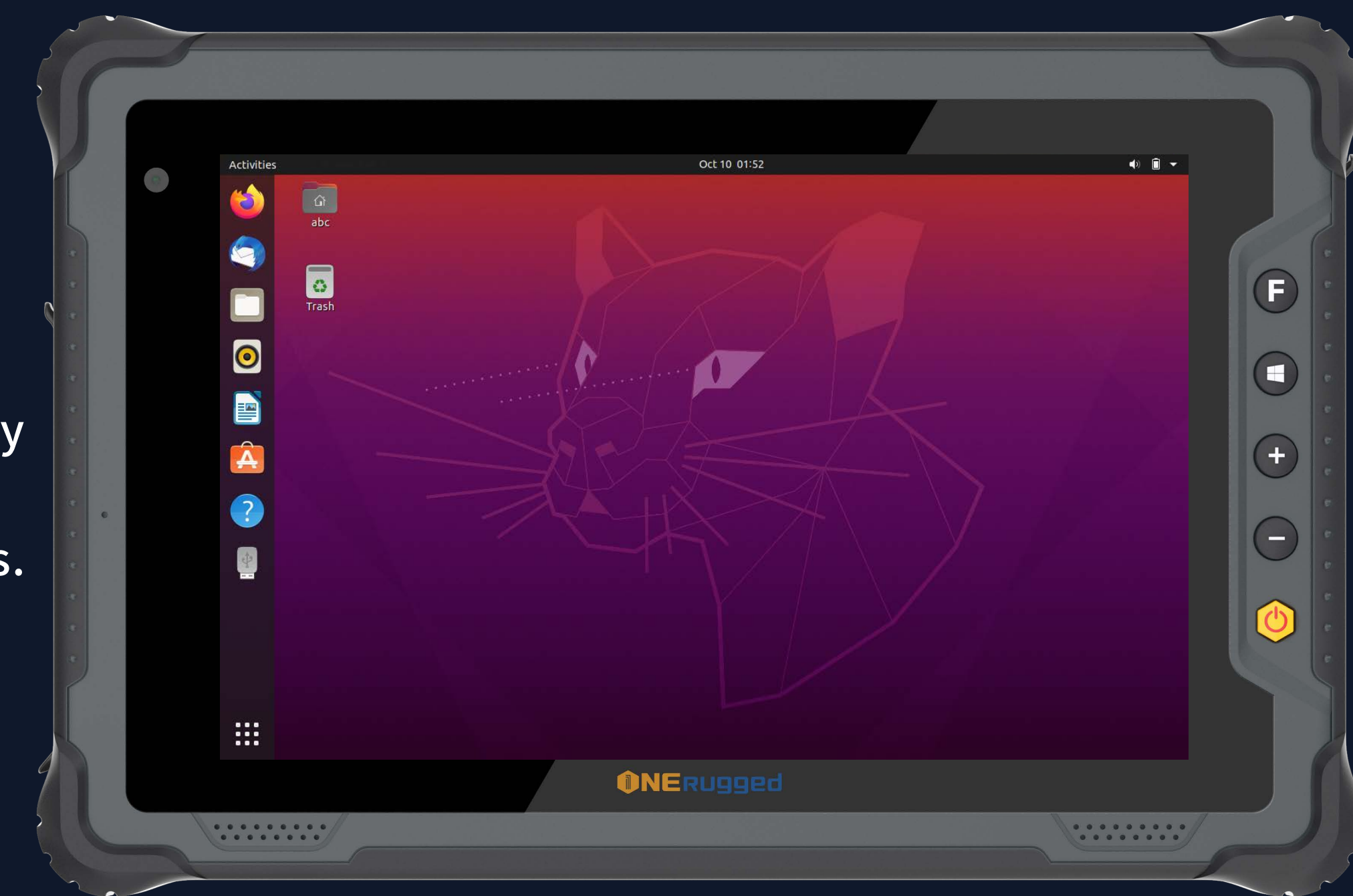


# Rugged mobile PC

# M80J

- With the Quad-core Intel JASPER LAKE N5100 processor and Ubuntu operating system, M80J presents an outstanding performance.
- Designed for a rugged, compact and anti-fall body with PC material of backplane, and TPU material of frame, full protection for four corners.
- Full 8-inch IPS display with 700-Nits brightness , and a 5-point touch panel, providing excellent readability for both indoors and outdoors.
- Couple with 7.6V/5000mAh high-capacity detachable battery, M80J ensures a long-lasting stability and easy mobile work for multiple shifts.
- Built-in 2.4GHz and 5GHz dual-band WiFi, providing faster seamless connection in any workplaces.
- Built-in 2G/3G/4G and Bluetooth 5.0 communication modules, capable of multi-satellite running with GPS/Glonass/Beidou, providing accurate navigation and positioning.
- 2D barcode scan engine and NFC modules for options.
- Extensive interfaces such as USB 3.0, Type-C and HDMI 2.0a Mini for diverse application scenarios.
- Passed the IP65 and MIL-STD-810H test, presenting solid waterproof and dustproof performance in the harsh environment.



N5100 processor



Ubuntu22.04.4  
Operating System



8 inch  
IPS display



700 cd/m<sup>2</sup>  
Brightness



Dual-band WiFi



5000mAh



GPS/GLONASS/Beidou



IP65



# M80J rugged mobile PC

## Specifications



 **CPU**  
N5100 processor


 **Operating System**  
Ubuntu22.04.4

 **Memory**  
RAM: 8GB LPDDR4x  
ROM: 128GB EMMC


 **Display**  
Type: IPS  
Size: 8 inch 16:10  
Resolution:800\*1280  
Brightness: 700cd/m<sup>2</sup>

 **Touch Panel**  
5 points Capacitive

 **Dimension/Weight**  
236.7\*155.7\*20.8mm  
818g


 **Buttons**  
Power \*1 (yellow)  
Volume+ \*1  
Volume- \*1  
P1 key\*1 (HOME key)  
F key \*1  
(Barcode Scanning, connected to GPIO)


 **Speaker**  
8Ω/1W Waterproof Speaker \*2

 **Battery**  
Removable Li-polyment Battery  
7.6V/5000mAh

 **Internet**  
4G/ Dual-band WiFi/ BT5.0


 **GPS**  
GPS/GLONASS/Beidou


 **NFC**  
Optional

 **2D Code**  
Optional

 **Certification**  
IP65

 **Adapter**  
DC 12V/4A dapter

 **Rugged Features**  
MIL-STD-810H: 1.22m drop  
Working temperature:  
-20 °C to 60 °C  
Storage temperature:  
-30 °C to 70 °C  
Humidity: 95% Non-Condensing

 **I/O Interface**  
USB 3.0 \*1  
Type C \*1  
Standard earjack \*1  
TF \*1 SIM card \*1  
DC 12V/4A jack \*1  
HDMI 2.0a mini \*1  
12PIN Pogo Pin \*1



\* The technical specifications of this product are subject to change without prior notice



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