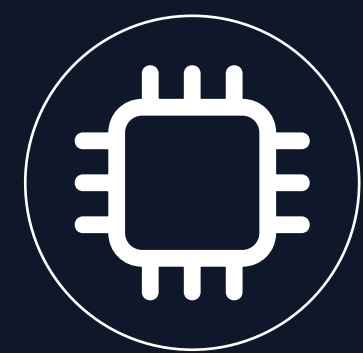


Rugged Mobile PC

M#&3

- 12th Gen® Intel® Core™ i5/i7 processor, with windows 11/10 OS;
- Standard 16+256GB, dual memory and dual storage slots for expansion;
- Supports M.2 interface 5G/4G selection, high speed WIFI 6,BT5.1;
- Thunderbolt 4 Versatile Interface, USB, HDMI, RJ45, RS232, etc;
- 56Wh+14.4Wh dual battery, Large battery support hot-swappable;
- IP65 high protection level, 1.22m drop resistant.



12th Generation
Intel Core processor



Windows 11/10
Operating System



14-inch screen



1920*1080
Resolution



WiFi 6



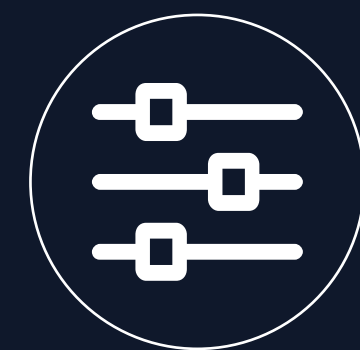
Single GPS/
Single Beidou



Fingerprint



Dual battery design



Rich interface
extensions



IP65

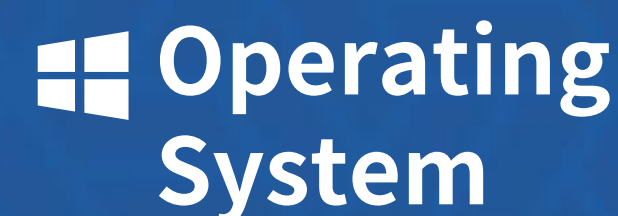
M14A Rugged Mobile PC

Specifications



CPU

Intel® Core™
i5-1235U/i7-1255U



Operating System

Windows 11/10



Memory

RAM 16/32GB
ROM 256/512GB/1TB



Display

Type: LCD
Size: 14 inch 16:9
Resolution: 1920*1080
Brightness: 1000cd/m²



Touch Panel

10-Point Capacitive Screen,
G+G, Hardness above 7H



Dimension

366.2*246.9*24.8mm



Battery

Polymer Lithium-ion Battery
1300mah/11.1V (Built-in)
4850mah/11.55V (Removable)



WiFi

WiFi 6
802.11a,b,d,e,g,h,i,k,n,r,
u ,v,w,ac,ax



Bluetooth

BT 5.1(BLE)class 1
Transmission Distance: 10m



Internet(Optional)

4G(M.2 interface, European version)
5G, optional



Camera

Front 5.0MP (USB)
Rear 8.0MP (USB)



NFC

USB interface, supports
ISO14443A, ISO14443B, IOS15693,
ISO18092, Felica.



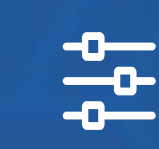
Fingerprint

Fingerprint (power on login)



GPS

Supports single GPS or single
glonass, default GPS



I/O Interface

USB3.2 *1, USB2.0 *2,
TYPE-C, Supports Thunderbolt 4,
HDMI 2.0a mini x1,
SIM *1, TF *1,
DB9 (RS232) *1、RJ45 *2,
12PIN Pogo Pin *1,
3.5mm Standard Earphone Jack *1,
DC19V/3.78A Power port *1,
Optional: M.2-2280 PCIe interface *1,
supports SSD;
Optional: M.2, E-KEY, PCIE interface
*1 for custom modules



Rugged Features

Working temperature:
-20°C to 60°C
Storage temperature:
-30°C to 70°C
Humidity: 95% Non-Condensing



Certification

IP65



MIL-STD-810H

M14A Rugged Mobile PC

Product Six Views



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