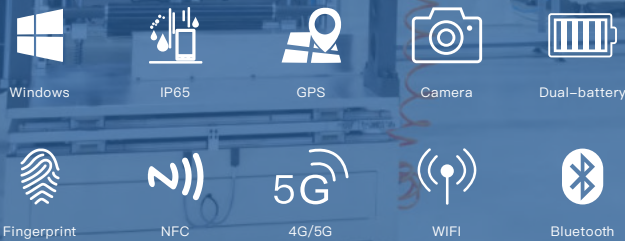


EM-I14A

Rugged Tablet PC

Performance Upgrade



Performance

- 12th Gen® Intel® Core™ i5/i7 processor
- Intel® Iris® Xe Graphics eligible
- Supports Windows 11/10 OS

Communication

- High speed Wi-Fi 6
- Supports M.2 interface 5G/4G selection
- Bluetooth 5.1 for higher transfer speeds

Function

- 14-inch HD&HB screen, the back features a rotating handle
- Thunderbolt 4 Versatile Interface, USB, HDMI, RJ45, RS232, etc.
- 4850mAh/11.55V+1300mAh/11.1V dual battery, Large battery supports hot-swappable
- Built in NFC, Fingerprint module, optional 2D barcode scanner

Reliability

- IP65 high protection level, 1.22m drop resistant
- In accordance with MIL-STD-810H

Product Six Views



Specification Parameter

Basic parameters	
Dimension	366.2 x 246.9 x 24.8mm
Device Color	Black
LCD	14 inch LCD 16:9, 1920x1080, 1000 nits
Touch Panel	10 point G+G capacitive touch screen, Hardness above 7H; Scratch-resistant; Supports glove touch
Camera	Front 5.0MP (USB) Rear 8.0MP (USB)
I/O	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, M.2-2280 PCIe interface *1, optional SSD, M.2, E-KEY, PCIe interface *1, optional Custom module
Power	AC100V ~ 240V, Output DC 19V/3.78A 71.82W(EU Standard) Optional: US Standard
Battery (Built-in)	
Capacity	11.1V/1300mAh
Type	Built in Li_polyment,battery loadable
Endurance	1.5hrs (Default 50% volume, 200 lumens brightness, playing 1080P HD video)
Battery (Hot-swappable)	
Capacity	11.55V/4850mAh
Type	Li_polyment, removeable battery
Endurance	8hrs (Playing 1080P HD video, Conditions: System in balance mode, 320 lumens, 70 dB at 10cm, WiFi and Bluetooth turned off.)
Data Collection	
NFC	USB interface, supports ISO14443A, ISO14443B, IOS15693, ISO18092, Felica
Fingerprint	Built in, used for power-on login
2D Barcode Scanner	Optional, USB interface, Optical Resolution (Scanning Accuracy): ≥3mil

Performance parameter	
CPU	Intel® Core™ i5-1235U/i7-1255U
OS	Windows 11/10
RAM	16GB/32GB
ROM	256GB SSD Optional 512GB/1TB
Communication	
WIFI	WiFi 6, 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax
Bluetooth	BT5.1 Transmission distance: 10m
4G (Optional)	4G(Optional M.2 European version) LTE-FDD: B1/3/5/7/8/20/28, LTE-TDD: B38/40/41
5G (Optional)	5G (optional) NSA n1/2/3/5/7/8/12/13/14/18/20/25/26/28/29/30/38/40/ 41/48/66/70/71/75/76/77/78/79 SA n1/2/3/5/7/8/12/13/14/ 18/20/25/26/28/29/30/38/ 40/41/48/66/70/71/75/ 76/77/78/79 LTE LTE-FDD B1/2/3/4/5/7/8/ 12/13/14/17/18/19/20/ 25/26/28/29/30/32/66/71 LTE-TDD B34/38/39/40/ 41/42/43/48
GNSS	Supports single GPS or single glonass, default GPS
Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810H certified
Drop Height	1.22m

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Outdoor Exploration



Manufacturing Industry



Finance



Animal Husbandry