

Rugged Laptop

SIN-S1412E



Main features

Intel Core 12th
Generation CPU

14-inch FHD screen
Resolution: 1920*1080

16G/32G are available

Windows 11/10
operating system

Supports GPS with
optional NFC

Supports WIFI 6/
Bluetooth 5.1

Supports 5G/4G module /
SPI fingerprint startup

IP65 protection rating

Specific parameters	
Display screen	14-inch 16:9 FHD screen, resolution 1920*1080, brightness 1000cd/m ²
CPU	Intel Core 12th Generation i5/i7 processors
Memory	16G/32G are available
Hard disk	256GB
Camera	5.0MP front camera
Battery	Small battery: 11.1V/1300mAh(14.4WH) Built-in polymer lithium-ion battery, non-removable, with a battery life of approximately 1.5 hours Large battery :11.55V/4850mAh(56WH) detachable polymer lithium-ion battery (hot-swappable), with a battery life of approximately 7.5 hours
I/O interface	USB3.2*1, USB3.0*1, USB2.0*1, TYPE-C interface (supports Thunderbolt 4), f3.5mm standard headphone jack *1, HDMI 2.0A mini*1, SIM card *1, TF card *1, RJ45*1 10M/100M/1000M adaptive, RS232 serial port *1(9-wire full function), DC19V/3.78A45.5mm power interface *1, anti-theft hole *1 Heat dissipation and air outlet (right)*1, left expansion dock (optional M.2-2280 PCIe interface *1, can connect SSD), and optional :M.2E-KEY interface *1, customer-customized module, optional 12-pin Pogo Pin(USB& dock charging)*1
Adapter	DC power input: 100-240VAC0.5A50 160Hz
Data communication/ Optional module	Support Wi - Fi6 802.11 a, b, d, e, g, h, l, k, n, r, u, v, w, ac, ax; Bluetooth 5.1 Supports 5G modules (M.2 is optional) and 4G/3G/2G modules (M.2 European version is optional). Supports GPS or single Glonass, with GPS as default. Support SPI fingerprint (login upon startup); Optional NFC
Working temperature	Operating temperature :-20°C to +60°C, storage temperature :-30°C to +70°C
Appearance dimensions	363.2*287.4*42.1mm(host end)
Support system	Windows 10 / 11
Product certification	IP65 certification, MIL-STD-810G certification, 1.22m drop resistance

