



NOVA4

RUGGED LAPTOP

14" Rugged Laptop

KEY FEATURES

Intel Core Ultra Processor With a dedicated AI engine (NPU)
Delivering efficient AI power

Intel® Arc™ Graphics Intel® Arc™ integrated graphics With Xe
LPG architecture Dedicated-level performance

Windows + AI Windows 11 OS Dual Memory/Dual Storage Slots
Unleash seamless productivity

AI

Intel Meteor
Lake-H I7 155H

Windows 11



Product Form - 14-inch Rugged Notebook

Dimensions - 363.2*287.4*42.1mm

CPU - Intel Meteor Lake-H i7 155H

GPU - iGfx/dGfx (Intel Xe LPG Graphics)

Memory - 32GB DDR5

SSD - 256Gb

TPM - built in TPM2.0

OS - Windows 11 IoT

Resolution - 1920*1080 16:9

Brightness - 1000cd/m2

Touch Panel - Optional 10-Point Capacitive Screen, G+G, Corning Gorilla Glass; Hardness above 7H; Scratch-resistant; Supports glove touch

Camera - Front 5.0MP

Buttons - Power Button, Screen on/off, Enable/Disable wireless functions

Speaker - Built in 4Ω/3W *2

Microphone - Internal MIC *1

Battery (Built In) - Built-in Polymer Lithium-ion Battery, Non-removable, 1300mah/11.1V (14.4WH), 1.5hrs (Default 50% volume, 200 lumens brightness, playing 1080P HD video)

Battery (Swappable) - Removable Polymer Lithium-ion Battery, Hot-swappable 4850mah/11.55V (56WH), 8hrs (Playing 1080P HD video, Conditions: System in balance mode, 30% brightness, 320 lumens, 30% volume (70 dB at 10cm), WiFi and Bluetooth turned off.)

Rugged Features - MIL-STD-810H: 1.2m drop resistance, Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C, Humidity: 95% Non-Condensing

Certifications - IP 65, CE, UN3803, MIL-STD-810H

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

Bluetooth - BT5.1 (BLE) class 1; Transmission Distance: 10m

2G/3G/4G - 4G Optional M.2 European Standard

LTE-FDD: B1/3/5/7/8/20/28

LTE-TDD: B38/40/41

5G - 5G Optional M.2

5G NR

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

LAA B46

UMTS WCDMA B1/ 2/ 4/ 5/ 8/ 19

GPS - Supports single GPS or single glonass, default GPS

NFC - Optional, NXP300

Fingerprint - Built in, x1 SPI Fingerprint (Power-On Login)

I/O Interfaces - USB3.2 *1, USB3.0 *1, USB2.0 *1, TYPE-C, Supports Thunderbolt 4, 3.5mm Standard Earphone Jack *1, HDMI 2.0a mini x1, SIM *1, TF *1, RJ45*1 10M/100M/1000M adaptive, RJ45*1 10M/100M/1000M adaptive (USB 2.0), Supports Gigabit Protocol, RS232 *1, 9 fully functional lines, DC19V/3.78A 5.5mm Power port *1, 12PIN Pogo Pin (USB & Charging) *1, Anti-theft Lock Slot *1, Right-side Cooling Vent *1, Left-side expansion slot, optional M.2-2280 PCIe interface *1, supports SSD; Optional: M.2, E-KEY interface *1 for custom modules.

Adapter - DC input 100-240VAC0.5A50/60Hz, DC19V/3.78A 71.82W UK Standard.

I/O INFORMATION

