

Specification Sheet

Operating System

Windows 11 Home

Processor

13th Gen Intel® Core™ i9-13980HX Processor 2.2 GHz (36M Cache, up to 5.6 GHz, 24 cores: 8 P-cores and 16 E-cores)

Graphics

NVIDIA® GeForce RTX™ 4070 Laptop GPU
ROG Boost: 2225MHz* at 140W (2175MHz Boost Clock+50MHz OC, 115W+25W Dynamic Boost)
8GB GDDR6

Display

16-inch
FHD+ 16:10 (1920 x 1200, WUXGA)
IPS-level
Anti-glare display
sRGB: 100%
Refresh Rate: 165Hz
Response Time: 7ms
G-Sync
MUX Switch + NVIDIA® Advanced Optimus
Support Dolby Vision HDR : Yes

Memory

8GB DDR5-4800 SO-DIMM x 2
Max Capacity: 32GB
Support dual channel memory

Storage

1TB PCIe® 4.0 NVMe™ M.2 SSD

I/O Ports

1x 3.5mm Combo Audio Jack
1x HDMI 2.1 FRL
2x USB 3.2 Gen 2 Type-A
1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC
1x RJ45 LAN port
1x Thunderbolt™ 4 support DisplayPort™

Keyboard and Touchpad

Backlit Chiclet Keyboard Per-Key RGB
Touchpad

Camera

720P HD camera

Audio

Smart Amp Technology
Dolby Atmos
AI noise-canceling technology
Hi-Res certification
Support Microsoft Cortana near field/Far field
Built-in array microphone
2-speaker system with Smart Amplifier Technology

Network and Communication

Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)

Battery

90WHrs, 4S1P, 4-cell Li-ion

Power Supply

ø6.0, 280W AC Adapter, Output: 20V DC, 14A, 280W, Input: 100~240C AC 50/60Hz universal

AURA SYNC

Yes

Device Lighting

Aura Sync Light Bar

Weight

2.50 Kg (5.51 lbs)

Dimensions (W x D x H)

35.4 x 26.4 x 2.26 ~ 3.04 cm (13.94" x 10.39" x 0.89" ~ 1.20")

Xbox Game Pass

Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)

Ecolabels & Compliances

ENERGY STAR®

Security

BIOS Administrator Password and User Password Protection
Trusted Platform Module (Firmware TPM)