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Overview **Tech Specs** Support

Processor

Processor Manufacturer

Intel®

Processor Type

Core™ i9

Processor Model

i9-12900H

Processor Speed

2.50 GHz

Processor Core

Tetradeca-core (14 Core™)

Processor Generation

12th Gen

Display & Graphics

Graphics Controller Manufacturer

NVIDIA®

Graphics Controller Model

GeForce RTX™ 4060

Graphics Memory Capacity

8 GB

Graphics Memory Accessibility

Dedicated

GPU Boost Clock

Up to 2350 MHz

Maximum Graphics Power

Up to 140 W

Screen Size

39.6 cm (15.6")

Display Screen Type

LCD

Display Screen Technology

ComfyView (Matte)
In-plane Switching (IPS) Technology

Touchscreen

No

Screen Resolution

1920 x 1080

Standard Refresh Rate

144 Hz

Aspect Ratio

16:9

Memory

Total Installed System Memory

16 GB

System Memory Technology

DDR5 SDRAM

Storage

Total Solid State Drive Capacity

512 GB

Solid State Drive Interface

PCIe NVMe

SSD Form Factor

M.2

Network & Communication

Wireless LAN Standard

IEEE 802.11ax

Ethernet Technology

Gigabit Ethernet

Bluetooth Standard

Bluetooth 5.1 or above

Built-in Devices

Microphone

Yes

Finger Print Reader

No

Number of Speakers

2.0

Interfaces/Ports

HDMI

Yes

Number of HDMI Outputs

1

Number of USB 3.2 Gen 1 Type-A Ports

1

Number of USB 3.2 Gen 2 Type-A Ports

2

Number of USB 3.2 Gen 2 Type-C Ports

1

Total Number of USB Ports

4

USB Type-C

Yes

Network (RJ-45)

Yes

Input Devices

Pointing Device Type

TouchPad

Keyboard

Yes

Keyboard Backlight

Yes

Keyboard Features

RGB 4 Zones Backlight

Battery Information

Battery Chemistry

Lithium Polymer (Li-Polymer)

Maximum Battery Run Time

5 Hours

Battery Energy

57 Wh

Power Description

Maximum Power Supply Wattage

330 W

Physical Characteristics

Height

26.90 mm

Width

360.4 mm

Depth

271.1 mm

Weight (Approximate)

2.50 kg

Product Color

Black

Miscellaneous

Security Features

Firmware Trusted Platform Module (TPM) solution

Kensington lock slot

BIOS Passwords:

User

Supervisor

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NVIDIA GPU Boost: <https://www.nvidia.com/en-us/geforce/technologies/gpu-boost/technology/>

Battery life may vary depending on model and configuration. Actual battery life varies by model, configuration (including storage capacity, RAM capacity, processor in use, display type and resolution, etc.), applications, power management settings, operating conditions, and utilized features.

Maximum Graphics Power is the highest GPU subsystem power supported in any mode, including Dynamic Boost 2.0 power transfer. The data listed is in accordance with NVIDIA guidelines and differs per system and GPU.

Specifications may vary depending on model and/or region.

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