

Processor

Processor Manufacturer	Intel®
Processor Type	Core™ i5
Processor Model	i5-13420H
Processor Speed	2.10 GHz
Processor Core	Octa-core (8 Core™)
Processor Generation	13th Gen
Processor Threads	12

Display & Graphics

Graphics Controller Manufacturer	NVIDIA®
Graphics Controller Model	GeForce RTX™ 3050
Graphics Memory Capacity	6 GB
Graphics Memory Technology	GDDR6
Graphics Memory Accessibility	Dedicated
GPU Boost Clock	Up to 1695 MHz
Maximum Graphics Power	Up to 65 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
PCI Express NVMe 4.0
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
Yes
Number of Speakers
2

Interfaces/Ports

HDMI
Yes
Number of HDMI Outputs
1
Number of USB 3.2 Gen 1 Type-A Ports
3
Number of USB 3.2 Gen 2 Type-C Ports
1
Total Number of USB Ports
4
Network (RJ-45)
Yes

Input Devices

Pointing Device Type
TouchPad
Keyboard
Yes
Keyboard Backlight
Yes
TouchPad Features
Microsoft Precision Touchpad Certification
Keyboard Features
White Backlight
NitroSense
Caps Lock Indicator
Microphone Mute Indicator

Battery Information

Battery Chemistry
Lithium Polymer (Li-Polymer)
Maximum Battery Run Time
8 Hours
Battery Energy
57 Wh
Battery Life Detail

Power Description

Maximum Power Supply Wattage
135 W

Physical Characteristics

Height
23.50 mm

Width
362.3 mm

Depth
239.9 mm

Weight (Approximate)
2.11 kg

Product Color
Black

Miscellaneous

Additional Information
OS Details: UEFI

Security Features
Kensington lock slot
Firmware Trusted Platform Module (TPM) solution
Acer Bio-Protection fingerprint solution, featuring computer protection and Windows Hello Certification
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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