Victus Gaming Laptop 16-s0000nu (974Y9EA)

Overview

Gateway to max gaming performance on the go.

The HP Victus Laptop is made for peak PC gaming. This sleek machine touts a next generation AMD processor[1] and modern graphics card. This laptop also has new optimization features to push performance even further[2], updated thermals, and an upgraded keyboard.

The best and latest performance components

Play at your best with a powerful AMD processor[1], a modern graphics card, and plenty of memory.

Express yourself with an upgraded keyboard

For the first time in a Victus, you can upgrade to a backlit keyboard and express your best gaming self.

Optimization features for even better performance

Victus makes better performance easier with features that automatically optimize your gaming while you play.

Features

AMD Ryzen™ 7000 Series Processors

Speed meets endurance when you play with a gaming laptop powered by AMD Ryzen™ processors. Seize the pure performance you need to win, without compromising battery life.[3]

Beyond Fast

NVIDIA® GeForce RTX™ 40 Series GPUs are beyond fast. Powered by the NVIDIA Ada Lovelace architecture which delivers a leap in both performance and AI-powered graphics. Experience lifelike virtual worlds with ray tracing and ultra-high FPS gaming.[4]

144Hz FHD anti-glare display

Reduce frustrating lag and image ghosting with a display that combines a 144Hz refresh rate and 1080p Full High Definition resolution for smooth, crisp gameplay.[5]

IPS Panel

No matter where you stand, this screen delivers clear, vivid images with 178-degree wide-viewing angles, so everyone can get a great view.

144Hz Display

Reduce frustrating lag and image ghosting with a 144Hz display.[6]

Anti-glare panel

Enjoy the sun and your favorite content with this anti-glare panel. Non-reflective and low gloss means you'll get less glare while you're outside.

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[1] Multi-core is designed to improve the performance of certain software products. Not all customers or software applications will necessarily benefit from the use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.

[2] Colors may vary by region. Check with the local region or country for availability.

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[5] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

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Specifications

Operating system	FreeDOS 3.0
Product color	Mica silver, black chrome logo
Processor family	AMD Ryzen™ 7 processor
Processor	AMD Ryzen™ 7 7840HS (up to 5.1 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads)[6,7]
Chipset	AMD integrated SoC
Memory	32 GB DDR5-5600 MHz RAM (2 x 16 GB)
Internal Storage	1 TB PCIe® Gen4 NVMe™ TLC M.2 SSD
Product design	Paint finish
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Display	40.9 cm (16.1") diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC
Display	16.1" diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC
Display size (diagonal)	40.9 cm (16.1")
Display size (diagonal)	16.1"
Audio	Audio by B&O; Dual speakers; HP Audio Boost
Minimum dimensions (W x D x H)	36.9 x 25.94 x 2.29 cm (front); 36.9 x 25.94 x 2.39 cm (rear)
Minimum dimensions (W x D x H)	14.53 x 10.21 x 0.90 in (front); 14.53 x 10.21 x 0.94 in (rear)
Weight	2.33 kg
Weight	5.15 lb
Keyboard	Full-size, backlit, moonstone grey keyboard with numeric keypad
Pointing device	HP Imagepad
Input devices	IR thermal sensor
Camera	HP True Vision 1080p FHD camera with temporal noise reduction and integrated dual array digital microphones
Ports	1 USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 1 USB Type-C® 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4a, HP Sleep and Charge); 2 USB Type-A 5Gbps signaling rate; 1 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo[19,42]
Package dimensions (W x D x H)	6.9 x 55.2 x 34.5 cm
Package weight	3.56 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	MediaTek Wi-Fi 6 MT7921 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)

Power supply type	230 W Smart AC power adapter
Battery type	4-cell, 70 Wh Li-ion polymer *([23])*
Battery life	Up to 7 hours and 45 minutes[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes[5]
Sustainable impact specifications	Ocean-bound plastic in bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic
Security management	Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
UPC number	197961060928

Additional specifications

Aspect ratio	16:9
Battery capacity	70
Battery capacity uom	Wh
Battery cells number	4
Battery life video playback	Up to 9 hours
Battery type	Li-ion polymer
Bluetooth version	Bluetooth® 5.3
Brightness	250 nits
Camera brand	HP True Vision
Camera microphone	integrated dual array digital microphones
Camera resolution (vertical)	1080p
Camera resolution standard	FHD
Color	Mica silver
Color gamut	45% NTSC
Display	40.9 cm (16.1") diagonal FHD display
Display	16.1" diagonal FHD display
Display bezel	micro-edge
Display brightness	250
Display brightness uom	nits
Display panel technology	IPS
Display refresh rate	144
Display refresh rate uom	Hz
Display resolution (pixels)	1920 x 1080
Display resolution standard	FHD
Display size (diagonal) uom	"
Display size (diagonal, imperial)	16.1
Display size (diagonal, metric)	40.9
Display size (diagonal, metric) uom	cm
Display surface treatment	anti-glare
Ethernet (RJ-45)	1
Flicker-free	Yes[45]
Graphics	Discrete

Graphics (discrete)	NVIDIA® GeForce RTX™ 4060 Laptop GPU (8 GB GDDR6 dedicated)
Graphics card brand	NVIDIA®
Graphics card family	GeForce
Graphics card memory size	8
Graphics card memory size uom	GB
Graphics card memory type	GDDR6
HDMI out – version	2.1
HDMI –out	1
Headphone/microphone combo	1
Keyboard backlight	backlit
Keyboard color	moonstone grey
Keyboard keypad	numeric keypad
Keyboard size	Full-size
Memory and storage	32 GB memory; 1 TB SSD storage
Memory layout (slots & size)	2 x 16 GB
Memory size	32
Memory size uom	GB
Memory speed	5600
Memory speed uom	MHz
Memory type	DDR5
Model Number	RTX™ 4060
Number of User-accessible Memory Slots	2
Number of memory slots	2
Package dimensions (W x D x H)	2.71 x 21.73 x 13.58 in
Package weight	7.87 lb
Packaging unit of measure (imperial)	in
Packaging unit of measure (metric)	cm
Playbook TS icon OS	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png
Playbook TS icon battery life	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png
Playbook TS icon connectivity	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png
Playbook TS icon dimensions NB	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08250394.png
Playbook TS icon display NB	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08205649.png
Playbook TS icon graphics	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png
Playbook TS icon memory	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png

Playbook TS icon processor	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png
Playbook TS icon storage	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png
Playbook TS icon weight imperial	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png
Playbook TS icon weight metric	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png
Processor Brand	AMD
Processor cache	16 MB L3
Processor core	8
Processor family	Ryzen™ 7
Processor maximum frequency	5.1
Processor maximum frequency uom	GHz
Processor model	7840HS
Processor threads	16
Product brand name	HP
Product long name specifications	Victus Gaming Laptop 16-s0000nu, FreeDOS 3.0, 16.1", AMD Ryzen™ 7, 32GB RAM, 1TB SSD, NVIDIA® GeForce RTX™ 4060, FHD, Mica silver
Product long name specifications V2	Victus Gaming Laptop 16, FreeDOS 3.0, 16.1", AMD Ryzen™ 7, 32GB RAM, 1TB SSD, NVIDIA® GeForce RTX™ 4060, FHD, Mica silver
Product short name specifications	Victus Gaming Laptop 16-s0000nu, 16.1", AMD Ryzen™ 7, 32GB RAM, 1TB SSD
Screen-to-body ratio (without speakers)	83.4%[18]
Storage capacity	1
Storage capacity uom 01	TB
Storage form factor 01	M.2
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage memory technology 01	TLC
Storage type	SSD
Storage type 01	SSD
Touchscreen	No
UNSPSC code	43211503
USB Type-A	3
USB Type-C	1
Wireless Model	MT7921
Wireless antenna	2x2
Wireless standard	Wi-Fi 6

Wireless supplier	MediaTek
Wireless transfer speeds	Supporting Gigabit data rate

[3] *Windows MobileMark 18 Battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See https://bapco.com/products/mobilemark-2018-v1-5/ for additional details.*

[5] *Recharges your battery up to 50% within 30 minutes when the system is off (using "shut down" command). Recommended for use with the HP adapter provided with the notebook, not recommended with a smaller capacity battery charger. After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products. See http://store.hp.com for a full list of product features.*

[6] *Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.*

[7] *Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.*

[18] *Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.*

[19] *For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.*

[42] *For optimal performance and battery chargeability while gaming and rendering, use the power adapter that ships with the PC. You can use the 100W/20V Type-C adapter or power bank when running light loading tasks. System-off charging is only supported on 20V Type-C adapter or power bank.*

[45] *The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights or LED emissions. OLED panel is functional with DC-DIMMING when above 100nits.*

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