

Victus Gaming Laptop 16-r0000na

Gateway to max gaming performance on the go.

The HP Victus Laptop is made for peak PC gaming. This sleek machine touts a 13th Gen Intel® Core™ processor¹ and modern NVIDIA® graphics card. This laptop also has new optimization features to push performance even further², updated thermals, and an upgraded keyboard.



*Product image may differ from actual product



The best and latest performance components

Unlock better gaming with a 13th Gen Intel® Core™ processor¹, a modern NVIDIA® graphics card, and up to DDR5 memory.



Optimization features for even better performance

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



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.

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Featuring

Get a fresh perspective

From a rejuvenated Start menu, to new ways to connect to your favorite people, news, games, and content—Windows 11 is the place to think, express, and create in a natural way.³

Extend beyond performance to let your PC do even more at once

Offering more than just a performance score. 13th Gen Intel® Core™ Processors advance real-world computing and deliver more ultra-efficient multi-tasking.⁴

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.⁵

QHD IPS antiglare display

Get lost in the captivating QHD resolution with IPS technology. Coupled with an antiglare screen to reduce light reflection, this display provides a remarkable entertainment experience.⁶

Eyesafe® Certified Display

Eyesafe® certified displays meet TÜV low blue light requirements and Eyesafe® standards for protecting your eyes from harmful blue light without distorting colors to reduce eyestrain when working for long periods of time.

240Hz Display

Reduce frustrating lag and image ghosting with a 240Hz display.⁷

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.

Flicker-free

Using DC Dimming technology that controls brightness by adjusting direct current rather than cycling the backlight, we can eliminate screen flickering for more comfortable viewing.⁸

16:9 aspect ratio

A 16:9 aspect ratio lets you see all of your game.

Try PC Game Pass for free with your new HP gaming device

Play hundreds of high-quality PC games with your new HP gaming device and 3 free months of PC Game Pass - including EA play. With new games added all the time, there's always something new to play.⁹

Keyboard keycaps contain post-consumer recycled plastic

We're bringing a more sustainable design to our keyboards by using keycaps made with post-consumer recycled plastic.¹⁰

EPEAT® Gold registered

EPEAT® Gold registered products are the highest-rated products that meet all of EPEAT required criteria. EPEAT is the world's premier ecolabel for electronics.¹¹

HP Fast Charge

When your laptop is low on power, no one has time to wait hours to recharge. Power down your device and go from 0 to 50% charge in approximately 30 minutes.¹²

Wi-Fi 6E (2x2) and Bluetooth® 5.3 wireless card

Enjoy faster speeds, improved performance, greater capacity and lower latencies than earlier iterations with Wi-Fi 6E and Bluetooth® 5.3 wireless card.¹³

HP True Vision FHD

Video chat in vibrant clarity with Full HD resolution, even in low light, and make every conversation a face-to-face experience for a better way to stay in touch.¹⁴

USB Type-C® Power + Display + 5Gbps signaling rate

Power your device or connect to an external display from just one USB-C® port with 5Gbps signaling rate. And it's reversible, so you never have to worry about plugging in upside down.¹⁵

PCIe SSD storage

Boot up in seconds with lightning fast speed with up to 1 TB PCIe SSD storage.

Dual speakers

Pump up the volume to your favorite music, movie or game with dual-stereo speakers.

Dual channel memory

With dual channel technology, two channels work simultaneously to double the communication speed between the memory controller and the RAM increasing system performance.

HP Imagepad with multi-touch gesture

This true multi-touch touchpad supports four finger gestures and lets you scroll, zoom, and navigate with a simple touch.

1-Zone RGB Keyboard with Numpad

Illuminate your entire keyboard and numpad with 1-zone RGB.

Recommended accessories and services (not included)



3-year pickup and return
U4819E



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Specifications



Performance

Operating system
Windows 11 Home

Processor
Intel® Core™ i7-13700H (up to 5.0 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 20 threads)^{6,7}
Processor family: 13th Generation Intel® Core™ i7 processor

Chipset
Intel® integrated SoC

Memory
16 GB DDR5-5200 MT/s (2 x 8 GB)
Transfer rates up to 5200 MT/s.
Number of User-accessible Memory Slots: 2

Storage
1 TB PCIe® Gen4 NVMe™ M.2 SSD
25 GB Dropbox storage for 12 months¹

Graphics
Discrete: NVIDIA® GeForce RTX™ 4060 Laptop GPU (8 GB GDDR6 dedicated)
;

Audio
Audio by B&O; Dual speakers; HP Audio Boost

Display
40.9 cm (16.1") diagonal, QHD (2560 x 1440), 240 Hz, 3 ms response time, IPS, micro-edge, anti-glare, Low Blue Light, 300 nits, 100% sRGB^{17,21,28}

Screen-to-body ratio
83.4%¹⁸

Power
230 W Smart AC power adapter;

System coolers

Battery type
6-cell, 83 Wh Li-ion polymer²³

Battery and Power
Supports battery fast charge: approximately 50% in 30 minutes⁵

Connectivity

Network interface
Integrated 10/100/1000 GbE LAN

Wireless connectivity
Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)
Modern Standby (Connected); HP Extended Range Wireless LAN

Ports
1 USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 1 USB Type-C® 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, 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}

Webcam
HP True Vision 1080p FHD camera with temporal noise reduction and integrated dual array digital microphones

Sustainability

Ecolabels
EPEAT® Gold registered²⁷

Sustainable impact specifications
Ocean-bound plastic in bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic^{39,41}

Design

Product color
Mica silver, black chrome logo
Paint finish

Software

HP apps
HP Support Assistant; HP Connection Optimizer; OMEN Gaming Hub; myHP

Software
ExpressVPN (30 day free trial); LastPass Premium (30 day free trial)²²; 1 month trial for new Microsoft 365 customers²⁴

Service & support
McAfee Online Protection 30-day trial; Xbox Game Pass 1-month free trial^{2,43}

Additional information

Part Number
P/N: 7Z2M0EA
UPC/EAN code: 197497085761

Weight
2.33 kg;
Packed: 3.62 kg

Dimensions
36.9 x 25.94 x 2.29 cm (front); 36.9 x 25.94 x 2.39 cm (rear);
Packed: 6.9 x 59.8 x 34.5 cm

Manufacturer Warranty
1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Keyboard
Full-size, 1-zone RGB backlit, moonstone grey keyboard with numeric keypad
HP Imagepad

Security management
Camera privacy shutter; Trusted Platform Module (Firmware TPM) support

Sensors
IR thermal sensor



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Footnotes

Messaging Footnotes

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. Intel's numbering, branding, and/or naming is not a measurement of higher performance.

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

³ Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

⁴ 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. Intel's numbering is not a measurement of higher performance.

⁵ ©2024 NVIDIA Corporation. NVIDIA, the NVIDIA logo, GeForce, and GeForce RTX are registered trademarks and/or trademarks of NVIDIA Corporation in the United States and other countries. All other trademarks and copyrights are the property of their respective owners.

⁶ Quad high-definition (QHD) content is required to view QHD images.

⁷ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.

⁸ The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.

⁹ Xbox Game Pass sold separately. Credit card required. Unless you cancel, you will be charged the then-current regular membership rate when the promotional period ends. Terms, exclusions, and streaming limits apply. Xbox Cloud Gaming (Beta): select devices and regions. After term, active membership required to play games and online multiplayer. Game catalog varies over time, region, and by device. DLC sold separately; if a game is removed from catalog or your membership ends, you will need to purchase the game separately to use your DLC. If you're already an Xbox Live Gold and/or Game Pass for Console/PC member, any days remaining in your membership(s) will be converted to Ultimate using a conversion ratio. Future code redemptions also subject to conversion ratio. All conversions to Ultimate are final. Details and system requirements at www.xbox.com/gamepass. Offer valid in all Xbox Game Pass markets excluding Russia. Digital Direct: Your digital content will be delivered directly to your device during set-up; no codes required. PC Game Pass: Subscription continues automatically at regular monthly price unless cancelled. Subject to xbox.com/subscriptionterms

¹⁰ Percentage of post-consumer recycled plastic contained in keypad varies by product.

¹¹ EPEAT® Gold registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

¹² 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.

¹³ Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported. Wi-Fi 6E is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately. Bluetooth® 5.3 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.3 will function as Bluetooth® 5.2 or lower.

¹⁴ Features may require software or other 3rd party applications to provide the described functionality.

¹⁵ Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.

Technical Specifications Footnotes

¹ 25 GB of free Dropbox storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at <https://www.dropbox.com/help/space/hp-promotion>. Internet service required and not included.

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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

⁷ Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

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.

²¹ TUV Low Blue Light is the Display Compliance Test Specification quality. See <https://www.certipedia.com/?locale=en#search> for more details.

²² Reverting to LastPass basic after 30 days.

²³ Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.

²⁴ Must activate within 180 days of Windows activation.

²⁷ Based on U.S. EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.

²⁸ Eyesafe® Display for Low Blue Light is the Display Compliance Test Specification quality. See <https://eyesafe.com> for more details.

³⁷ Weight and system dimensions may fluctuate due to configuration and manufacturing variances.

³⁹ Percentage of ocean-bound plastic contained in each component varies by product.

⁴¹ Keyboard components contain post-consumer recycled plastic. Percentage of post consumer recycled contained in each component varies by product.

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.

⁴³ Xbox Game Pass sold separately. Credit card required. Unless you cancel, you will be charged the then-current regular membership rate when the promotional period ends. Terms, exclusions, and streaming limits apply. Xbox Cloud Gaming (Beta): select devices and regions. After term, active membership required to play games and online multiplayer. Game catalog varies over time, region, and by device. DLC sold separately; if a game is removed from catalog or your membership ends, you will need to purchase the game separately to use your DLC. If you're already an Xbox Live Gold and/or Game Pass for Console/PC member, any days remaining in your membership(s) will be converted to Ultimate using a conversion ratio. Future code redemptions also subject to conversion ratio. All conversions to Ultimate are final. Details and system requirements at www.xbox.com/gamepass. Offer valid in all Xbox Game Pass markets excluding Russia. Digital Direct: Your digital content will be delivered directly to your device during set-up; no codes required.

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.

⁴⁶ Bluetooth® 5.3 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.3 will function as Bluetooth® 5.2 or lower.

