

Victus Gaming Laptop 16-s0019nf (7Z467EA)



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.

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.

Featuring

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

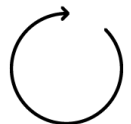
Reduce frustrating lag and image ghosting with a display that combines a 144Hz refresh rate and 1080p Full High Definition resolution for smooth, crisp gameplay. [5]

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]



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 | 16 GB DDR5-5600 MHz RAM (2 x 8 GB) |
| Internal Storage | 512 GB PCIe® Gen4 NVMe™ TLC M.2 SSD |
| Product design | Paint finish |
| Graphics | Discrete |
| Graphics (discrete) | NVIDIA® GeForce RTX™ 4070 Laptop GPU (8 GB GDDR6 dedicated) |
| Display | 40.9 cm (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") |
| 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) |
| 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) ^[11,12,13] |
| Power supply type | 230 W Smart AC power adapter |
| Battery type | 4-cell, 70 Wh Li-ion polymer (<i>[23]</i>) |
| 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 | 197497095654 |
| 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. |

Top Recommended Displays, Accessories and Services

OMEN by HP Displays

| | |
|---|---------|
| OMEN by HP 27 inch UHD 144Hz Gaming Monitor - OMEN 27k | 780G8AA |
| OMEN by HP 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c | 780K6AA |

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. 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.
- [3] 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.
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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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Technical Specifications Footnotes

- [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/> 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.
- [11] Wi-Fi 6 is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels.
- [12] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs.
- [13] Wi-Fi 6 (802.11ax) is not supported in Belarus where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).
- [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.

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