

# Victus Gaming Laptop 15-fa0020nr (644Z5UA)



**Desktop power in one portable package.**

The HP Victus Laptop is made for peak PC gaming. This sleek machine touts a 12th Gen Intel® Core™ processor[1] and a modern graphics card. This laptop's design is just as impressive as its hardware with plenty of color options[2], updated thermals, a full all-in-one gaming keyboard, and an HD camera with Temporal Noise Reduction.



### Superior processing components

Play at your best with a 12th Gen Intel® Core™ processor[1], a modern graphics card, and plenty of memory.

### Sophisticated and refined design

With a smaller footprint and up to three colors options[2], this spritely device looks good anywhere.

### Every feature you could need

From the updated thermal design to the HD camera, this laptop has everything.

## Featuring

### Get a fresh perspective

Windows 11 provides a calm and creative space where you can pursue your passions through a fresh experience. 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]

### A dynamic processor that adapts to you for superior multi-tasking performance

12th Gen Intel® Core™ processors distributes performance where you need it the most — saving you time and increasing your ability to do the things you actually want. [4]

### NVIDIA® GeForce RTX™ 3050 Ti

Step up to the power of 2nd generation RTX with GeForce RTX 3050 Ti laptops. They are powered by the award-winning NVIDIA Ampere architecture, featuring new RT Cores, Tensor Cores, and streaming multiprocessors to enable ray-traced graphics and cutting-edge AI features such as NVIDIA DLSS. GeForce laptops with new 3rd gen Max-Q technologies use AI and new system optimizations to create more efficient gaming laptops in new and innovative form factors. [5]

### 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. [6]

### Micro Edge display

By squeezing a larger screen into a smaller frame, this ultra-thin, barely visible bezel revolutionizes your display's appearance with a beautifully efficient design.

 Windows 11







## Specifications

<b>Operating system</b>	Windows 11 Home
<b>Product color</b>	Mica silver, black chrome logo
<b>Processor family</b>	12th Generation Intel® Core™ i7 processor
<b>Processor</b>	Intel® Core™ i7-12700H (up to 4.7 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 20 threads) [6,7]
<b>Chipset</b>	Intel® Integrated SoC
<b>Memory</b>	8 GB DDR4-3200 MHz RAM (2 x 4 GB)
<b>Internal Storage</b>	512 GB PCIe® NVMe™ TLC M.2 SSD
<b>Product design</b>	Paint finish
<b>Graphics</b>	Discrete
<b>Graphics (discrete)</b>	NVIDIA® GeForce RTX™ 3050 Ti Laptop GPU (4 GB GDDR6 dedicated)
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® Iris® X <sup>e</sup> Graphics
<b>Display</b>	39.6 cm (15.6") diagonal, FHD (1920 x 1080), 144 Hz, 9 ms response time, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC
<b>Display</b>	15.6" diagonal, FHD (1920 x 1080), 144 Hz, 9 ms response time, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC
<b>Display size (diagonal)</b>	39.6 cm (15.6")
<b>Display size (diagonal)</b>	15.6"
<b>Audio</b>	Audio by B&O; Dual speakers; HP Audio Boost
<b>Minimum dimensions (W x D x H)</b>	35.79 x 25.5 x 2.35 cm <i>(Dimensions vary by configuration)</i>
<b>Minimum dimensions (W x D x H)</b>	14.09 x 10.04 x 0.93 in
<b>Weight</b>	2.29 kg <i>(Weight varies by configuration)</i>
<b>Weight</b>	5.06 lb
<b>Keyboard</b>	Full-size, backlit, mica silver keyboard with numeric keypad
<b>Pointing device</b>	HP Imagepad with multi-touch gesture support
<b>Camera</b>	HP Wide Vision 720p HD camera with temporal noise reduction and integrated dual array digital microphones
<b>Ports</b>	1 SuperSpeed USB Type-C® 5Gbps signaling rate (DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo <sup>[19]</sup>
<b>Expansion slots</b>	1 multi-format SD media card reader
<b>Package dimensions (W x D x H)</b>	6.9 x 52 x 30.5 cm
<b>Package weight</b>	3.35 kg
<b>Network interface</b>	Integrated 10/100/1000 GbE LAN
<b>Wireless</b>	MediaTek Wi-Fi 6 MT7921 (2x2) and Bluetooth® 5.3 compatible combo (supporting gigabit data rate)
<b>Power supply type</b>	200 W Smart AC power adapter
<b>Battery type</b>	4-cell, 70 Wh Li-ion polymer
<b>Battery life</b>	Up to 8 hours and 15 minutes <sup>[3]</sup>
<b>Battery recharge time</b>	Supports battery fast charge: approximately 50% in 30 minutes <sup>[5]</sup>
<b>Battery weight</b>	0.61 lb
<b>Battery weight</b>	280 g
<b>Ecolabels</b>	EPEAT® registered
<b>Energy star certified</b>	ENERGY STAR® certified
<b>Sustainable impact specifications</b>	Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic
<b>Security management</b>	Trusted Platform Module (Firmware TPM) support
<b>Software included</b>	McAfee LiveSafe™
<b>Software - Productivity &amp; finance</b>	1 month trial for new Microsoft 365 customers <sup>[24]</sup>
<b>Cloud service</b>	25 GB Dropbox storage for 12 months <sup>[1]</sup>

---

<b>UPC number</b>	196548075195
-------------------	--------------

---

## Top Recommended Displays, Accessories and Services

---

### HP Home Monitors

HP X24ih Gaming Monitor	13L82AA
HP X24ih Gaming Monitor	2W924AA
HP X24ih Gaming Monitor	2W925AA
HP X27 FHD Gaming Monitor	2V6B2AA

---

### HP Value Displays

HP X24c Gaming Monitor	13Q95AA
HP X24c Gaming Monitor	9EK40AA
HP X24c Gaming Monitor	9FM22AA

---

### Port Replicators

HP Universal USB-C Multiport Hub	50H55AA
HP Universal USB-C Multiport Hub	50H98AA

---

### Keyboards

OMEN Spacer Wireless TKL Keyboard	9BU31AA
OMEN by HP Encoder Keyboard	6YW76AA

---

### Mice

OMEN by HP Photon Wireless Mouse	6CL96AA
OMEN Vector Mouse	8BC53AA
HP X220 Backlit Gaming Mouse	8DX48AA

---

### Speakers

HP Gaming Speakers X1000	8PB07AA
--------------------------	---------

## 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] ©2022 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. Check with the laptop manufacturer about support for specific NVIDIA technologies.

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

## 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.

[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. 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.

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

[24] Must activate within 180 days of Windows activation.

---

© Copyright 2022 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Intel, Core, Optane, Celeron, Pentium, Iris, XMM, and Thunderbolt are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. AMD, Ryzen, Athlon, and Radeon are trademarks of Advanced Micro Devices, Inc. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. NVIDIA and GeForce are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. McAfee and McAfee LiveSafe are trademarks or registered trademarks of McAfee LLC in the United States and other countries. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. All other trademarks are the property of their respective owners.

