## **ProductSheet**

# Victus by HP Laptop 16-e0320nd (56K99EA)

# It's play time

Powered by an AMD processor[1], the Victus by HP 16.1 inch laptop has all the features to handle your gaming and daily needs. Increase your gaming flexibility with an all-purpose gaming keyboard and enjoy a tear-free fast refresh rate display. Power through the heat of every game with a cooling system[2] that prevents overheating. Elevate your gaming experience beyond your hardware with the OMEN Gaming Hub.



#### Keep cool and game longer

Power through the heat of every game with a cooling system[2] that prevents overheating.

#### Made for play

Play at your best with tear-free gameplay at a fast refresh rate and enjoy an ultra-sharp visual experience.

## **Customize with OMEN Gaming Hub**

Your one-stop shop to elevate gameplay, from controlling every little performance to lighting options and more.

# **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]

# AMD Ryzen™ 5000 H-Series Mobile Processors

Now you can enjoy elite gaming performance on a thin and light notebook with amazing battery life, thanks to the new AMD Ryzen $^{\text{TM}}$  5000 H-Series Mobile Processors. Never compromise on your qaming laptop again.  $^{[1]}$ 

# NVIDIA® GeForce RTX™ 3050

Step up to the power of 2nd generation RTX with GeForce RTX 3050 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. <sup>[4]</sup>

## FHD IPS display

Enjoy crystal-clear images from any angle. With 178° wide-viewing angles and a vibrant 1920 x 1080 resolution, you'll always have a great view of your favorite content. <sup>[5]</sup>

# **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.  $^{[6]}$ 









# **Specifications**

Operating system	Windows 11 Home	
Product color	Mica silver, dark chrome logo	
Processor family	AMD Ryzen™ 7 processor	
Processor	AMD Ryzen™ 7 5800H (up to 4.4 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads) <sup>[6,7]</sup>	
Chipset	AMD Integrated SoC	
Memory	16 GB DDR4-3200 MHz RAM (2 x 8 GB)	
Internal Storage	512 GB PCIe® NVMe™ TLC M.2 SSD	
Product design	Paint finish	
Optical drive	Optical drive not included	
Graphics	Discrete	
Graphics (discrete)	NVIDIA® GeForce RTX™ 3050 Laptop GPU (4 GB GDDR6 dedicated)	
Graphics	Integrated	
Graphics (integrated)	AMD Radeon™ Graphics	
Display	40.9 cm (16.1") diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 300 nits, 100% sRGB	
Display	16.1" diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 300 nits, 100% sRGB	
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)	37 x 26 x 2.35 cm	
	(Dimensions vary by configuration)	
Minimum dimensions (W x D x H)	14.57 x 10.24 x 0.93 in	
Weight	Starting at 2.46 kg (Weight varies by configuration)	
Weight	Starting at 5.44 lb	
Keyboard	Full-size, backlit, mica silver keyboard with numeric keypad	
Pointing device	HP Imagepad with multi-touch gesture support; Precision Touchpad Support	
Input devices	Accelerometer	
Camera	HP Wide Vision 720p HD camera with integrated dual array digital microphones	
Ports	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); 2 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>	
Expansion slots	1 multi-format SD media card reader	
Package dimensions (W x D x H)	6.9 x 55.2 x 34.5 cm	
Package weight	3.7 kg	
Network interface	Integrated 10/100/1000 GbE LAN	
-		
Wireless	Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)	
-	Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)	
Power supply type		
-	Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)  200 W Smart AC power adapter  4-cell, 70 Wh Li-ion polymer	
Power supply type Battery type Battery life	Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)  200 W Smart AC power adapter  4-cell, 70 Wh Li-ion polymer  Up to 10 hours and 30 minutes <sup>[3]</sup>	
Power supply type Battery type Battery life Battery recharge time	Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)  200 W Smart AC power adapter  4-cell, 70 Wh Li-ion polymer  Up to 10 hours and 30 minutes <sup>[3]</sup> Supports battery fast charge: approximately 50% in 30 minutes <sup>[5]</sup>	
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Power supply type  Battery type  Battery life  Battery recharge time  Battery weight  Battery weight	Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)  200 W Smart AC power adapter  4-cell, 70 Wh Li-ion polymer  Up to 10 hours and 30 minutes <sup>[3]</sup> Supports battery fast charge: approximately 50% in 30 minutes <sup>[5]</sup> 0.61 lb  280 g	
Power supply type Battery type Battery life Battery recharge time Battery weight Battery weight Ecolabels	Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)  200 W Smart AC power adapter  4-cell, 70 Wh Li-ion polymer  Up to 10 hours and 30 minutes <sup>[3]</sup> Supports battery fast charge: approximately 50% in 30 minutes <sup>[5]</sup> 0.61 lb  280 g  EPEAT® registered	
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Power supply type  Battery type  Battery life  Battery recharge time  Battery weight  Battery weight  Ecolabels  Energy star certified	Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)  200 W Smart AC power adapter  4-cell, 70 Wh Li-ion polymer  Up to 10 hours and 30 minutes <sup>[3]</sup> Supports battery fast charge: approximately 50% in 30 minutes <sup>[5]</sup> 0.61 lb  280 g  EPEAT® registered  ENERGY STAR® certified  Ocean-bound plastic in base, bezel, keyboard frame and speaker enclosure; Keyboard keycaps made with post-	
Power supply type  Battery type  Battery life  Battery recharge time  Battery weight  Battery weight  Ecolabels  Energy star certified  Sustainable impact specifications  Software included	Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)  200 W Smart AC power adapter  4-cell, 70 Wh Li-ion polymer  Up to 10 hours and 30 minutes <sup>[3]</sup> Supports battery fast charge: approximately 50% in 30 minutes <sup>[5]</sup> 0.61 lb  280 g  EPEAT® registered  ENERGY STAR® certified  Ocean-bound plastic in base, bezel, keyboard frame and speaker enclosure; Keyboard keycaps made with post-consumer recycled plastic  McAfee LiveSafe™	
Power supply type Battery type Battery life Battery recharge time Battery weight Battery weight Ecolabels Energy star certified Sustainable impact specifications Software included Software - Productivity & finance	Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)  200 W Smart AC power adapter  4-cell, 70 Wh Li-ion polymer  Up to 10 hours and 30 minutes <sup>[3]</sup> Supports battery fast charge: approximately 50% in 30 minutes <sup>[5]</sup> 0.61 lb  280 g  EPEAT® registered  ENERGY STAR® certified  Ocean-bound plastic in base, bezel, keyboard frame and speaker enclosure; Keyboard keycaps made with post-consumer recycled plastic  McAfee LiveSafe™  1 month trial for new Microsoft 365 customers <sup>[24]</sup>	
Power supply type  Battery type  Battery life  Battery recharge time  Battery weight  Battery weight  Ecolabels  Energy star certified  Sustainable impact specifications  Software included	Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)  200 W Smart AC power adapter  4-cell, 70 Wh Li-ion polymer  Up to 10 hours and 30 minutes <sup>[3]</sup> Supports battery fast charge: approximately 50% in 30 minutes <sup>[5]</sup> 0.61 lb  280 g  EPEAT® registered  ENERGY STAR® certified  Ocean-bound plastic in base, bezel, keyboard frame and speaker enclosure; Keyboard keycaps made with post-consumer recycled plastic  McAfee LiveSafe™	

# **Top Recommended Displays, Accessories and Services**

HP Value Displays	
HP M32f FHD Monitor	2H5M7AA
HP M32f FHD Monitor	2H5NOAA
HP M27f FHD Monitor	2G3D3AA
HP M27f FHD Monitor	2HON1AA
HP M24f FHD Monitor	2D9K0AA
HP M24f FHD Monitor	2E2Y4AA
Backpacks	
HP Pavilion Gaming Backpack 500	6EU58AA
Keyboards	
HP Pavilion Gaming Keyboard 800	5JS06AA
Mice	
HP Pavilion Gaming Mouse Pad 300	4PZ84AA
OMEN Vector Essential Mouse	8BC52AA
OMEN Vector Mouse	8BC53AA
HP X220 Backlit Gaming Mouse	8DX48AA

## **Messaging Footnotes**

- [1] 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.
- [2] Thermal solution varies by configuration.
- [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] ©2021 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.
- [5] Full high-definition (FHD) content is required to view FHD images.
- [6] 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.

# **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. 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.
- [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.

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