



Victus by HP Laptop 16-e0909ng (4A5Q2EA)



Overview

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.



Customize with OMEN Gaming Hub

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



Made for play

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

Features



Windows 10

Do great things confidently with the familiar feel of Windows - only better.^[3]



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.^[4]



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]



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™ 5000 H-Series Mobile Processors. Never compromise on your gaming laptop again.^[1]



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.^[5]

Effortlessly connected

Enjoy ultra-fast gigabit data rate with a Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo^[7]

[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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.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.

[7] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Requires a wireless router, sold separately, that supports 80MHz channels. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other Wi-Fi 6 devices. Only available in countries where 802.11ax is supported.

Specifications

Operating system	Windows 10 Home 64 – free upgrade to Windows 11 when available ^[38] <i>(This PC comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. The Windows 11 upgrade will be delivered late 2021 into 2022. Timing varies by device. Certain features require specific hardware. See aka.ms/windows11-spec)</i>
Product color	Mica silver, dark chrome logo
Processor family	AMD Ryzen™ 5 processor
Processor	AMD Ryzen™ 5 5600H (up to 4.2 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads) ^[6,7]
Chipset	AMD Integrated SoC
Memory	8 GB DDR4-3200 MHz RAM (2 x 4 GB)
Internal Storage	512 GB PCIe® NVMe™ TLC M.2 SSD
Product design	Paint finish
Optical drive	Optical drive not included
Display	40.9 cm (16.1") diagonal, FHD (1920 x 1080), 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)	37 x 26 x 2.35 cm <i>(Dimensions vary by configuration)</i>
Weight	2.46 kg <i>(Weight varies by configuration)</i>
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 ^[19]
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) ^[11,12,13,16]
Power supply type	200 W Smart AC power adapter

Battery type	4-cell, 70 Wh Li-ion polymer
Battery life	Up to 10 hours and 30 minutes ^[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes ^[5]
Battery weight	280 g
Ecolabels	EPEAT® registered ^[27]
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Ocean-bound plastic in base, bezel, keyboard frame and speaker enclosure; Keyboard keycaps made with post-consumer recycled plastic
Pre-installed software	Alexa; ExpressVPN (30 day free trial); LastPass Premium (30 day free trial) ^[22]
Software included	McAfee LiveSafe™
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]
Cloud service	25 GB Dropbox storage for 12 months ^[1]
UPC number	196068468019
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.

Additional specifications

Additional information about HP	http://www.hp.com
Battery capacity	70
Battery capacity uom	Wh
Battery cells number	4
Battery life	Long Life
Battery life video playback	Up to 13 hours and 15 minutes
Battery type	Li-ion polymer
Bluetooth version	Bluetooth® 5.2
Brightness	250 nits
Camera brand	HP Wide Vision
Camera microphone	integrated dual array digital microphones
Camera resolution (vertical)	720p
Camera resolution standard	HD
Color	Mica silver
Color gamut	45% NTSC
Datasheet photo 1	AHID/2d4c36ee06bd8d56f4adecc232a50a6b3747e112
Datasheet photo 2	AHID/d66f41fd7dc87a213d2a1b63c386a76576b4dba9
Datasheet photo 3	AHID/22ded09690d12a432f16d18b5a5506961dca94d9
Datasheet photo 4	AHID/a21f24ea4aef01c2fc485db6fbd99acb242a5f38
Datasheet photo 5	Publication logos/pc-carepack-logo.jpg
Display	40.9 cm (16.1") diagonal FHD display
Display bezel	micro-edge
Display brightness	250
Display brightness uom	nits
Display panel technology	IPS
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
ECC memory	non-ECC

Fingerprint reader	Fingerprint reader not available
Graphics	Discrete
Graphics (discrete)	NVIDIA® GeForce RTX™ 3050 Laptop GPU (4 GB GDDR6 dedicated)
Graphics card brand	NVIDIA®
Graphics card family	GeForce
Graphics card memory size	4
Graphics card memory size uom	GB
Graphics card memory type	GDDR6
HP apps	HP Audio Switch; HP Connection Optimizer; HP CoolSense; HP QuickDrop
Keyboard backlight	backlit
Keyboard color	mica silver
Keyboard keypad	numeric keypad
Keyboard size	Full-size
Memory and storage	8 GB memory; 512 GB SSD storage
Memory layout (slots & size)	2 x 4 GB
Memory module type	DIMM
Memory size	8
Memory size uom	GB
Memory speed	3200
Memory speed uom	MHz
Memory type	DDR4
Model Number	RTX™ 3050
Number of User-accessible Memory Slots	2
Number of memory slots	2
Package depth, imperial (most common size)	21.73
Package depth, metric (most common size)	55.2
Package height, imperial (most common size)	13.58
Package height, metric (most common size)	34.5
Package weight	8.15 lb
Package width, imperial (most common size)	2.71
Package width, metric (most common size)	6.9

Packaging unit of measure (imperial)	in
Packaging unit of measure (metric)	cm
Processor Brand	AMD
Processor cache	16 MB L3
Processor core	6
Processor family	Ryzen™ 5
Processor maximum frequency	4.2
Processor maximum frequency uom	GHz
Processor model	5600H
Processor threads	12
Product brand name	HP
Product language options	#ABD
Product long name specifications	Victus by HP Laptop 16-e0909ng, 16.1", Windows 10 Home 64 – free upgrade to Windows 11 when available, AMD Ryzen™ 5, 8GB RAM, 512GB SSD, NVIDIA® GeForce RTX™ 3050, FHD, Mica silver
Screen-to-body ratio (without speakers)	83.56% ^[18]
Storage capacity	512
Storage capacity uom 01	GB
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
Technology logo, print 2	Publication logos/AMD RYZEN LOGO.jpg
Technology logo, print 3	Publication logos/EPEAT_silver_3C11.jpg
Technology logo, print 4	Publication logos/energy_star_logo.jpg
Technology logo, print 6	Publication logos/mcafee_logo_with_tag_new.jpg
Technology logo, print 7	Publication logos/Nvidia_Geforce_RTX_icon.jpg
Touchscreen	No
UNSPSC code	43211503
Wireless antenna	2x2
Wireless standard	Wi-Fi 6
Wireless supplier	Realtek

[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.

[11] Wi-Fi® supporting gigabit speeds is achievable when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160 MHz channels.

[12] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited.

[13] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other Wi-Fi 6 devices. Only available in countries where 802.11ax is supported.

[16] Wi-Fi 6 (802.11ax) is not supported in Ukraine, Russia, and Indonesia where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).

[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.

[22] Reverting to LastPass basic after 30 days.

[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.

[38] 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>

Monitors

HP Home Monitors

★ : Recommended

HP Value Displays

HP M32f FHD Monitor	2H5M7AA ★	
HP M27f FHD Monitor	2G3D3AA ★	
HP M24f FHD Monitor	2D9K0AA ★	
HP 22m Display	3WL44AA	obsolete
HP 24f 24-inch Display	2XN60AS	
HP 24f Display	2XN60AA	
HP 24fw 24-inch Display	3KS62AS	
HP 24fw 24-inch Display	5VU10AA	
HP 24fw 24-inch Display	6NB66AA	
HP 24fw Display	3KS62AA	
HP 24m Display	3WL46AA	obsolete
HP 24mq Display	1F2J8AA	
HP 27f 27-inch Display	2XN62AS	
HP 27f Display	2XN62AA	
HP 27m Display	3WL48AA	obsolete
HP 27mq Display	1F2J9AA	
HP M22f FHD Monitor	2D9J9AA	
HP M22f FHD Monitor	2D9J9AS	
HP M22f FHD Monitor	2D9J9E9	
HP M24f FHD Monitor	2D9K0AS	
HP M24f FHD Monitor	2D9K0E9	
HP M24fe FHD Monitor	43G27AA	
HP M24fe FHD Monitor	43G27AS	
HP M24fe FHD Monitor	43G27E9	
HP M24fw FHD Monitor	2D9K1AA	
HP M24fw FHD Monitor	2D9K1AS	
HP M24fw FHD Monitor	2D9K1E9	
HP M24fw FHD Monitor	43B20AA	
HP M24fwa FHD Monitor	34Y22AA	
HP M24fwa FHD Monitor	34Y22AS	

HP M24fwa FHD Monitor	34Y22E9
HP M27f FHD Monitor	2G3D3AS
HP M27f FHD Monitor	2G3D3E9
HP M27fe FHD Monitor	43G45AA
HP M27fe FHD Monitor	43G45AS
HP M27fe FHD Monitor	43G45E9
HP M27fq QHD Monitor	2H4B5AA
HP M27fq QHD Monitor	2H4B5AS
HP M27fq QHD Monitor	2H4B5E9
HP M27fw FHD Monitor	2H1A4AA
HP M27fw FHD Monitor	2H1A4AS
HP M27fw FHD Monitor	2H1A4E9
HP M27fw FHD Monitor	43B24AA
HP M27fwa FHD Monitor	356D5AA
HP M27fwa FHD Monitor	356D5AS
HP M27fwa FHD Monitor	356D5E9
HP M32f FHD Monitor	2H5M7AS
HP M32f FHD Monitor	2H5M7E9
HP V28 4K Monitor	8WH58AA
HP V28 4K Monitor	8WH58AS
HP X24c Gaming Monitor	9FM22AA
HP X24c Gaming Monitor	9FM22AS
HP X27i 2K Gaming Monitor	8GC08AA
HP X27i 2K Gaming Monitor	8GC08AS

HP Home LCD Monitors

HP U27 4K Wireless Monitor	9TQ13AA
HP U27 4K Wireless Monitor	9TQ13AS
HP V20 HD+ Monitor	1H850AA
HP V20 HD+ Monitor	1H850AS
HP V22 FHD Monitor	9SV80AA
HP V22 FHD Monitor	9SV80AS
HP V221vb FHD Monitor	453F2AA
HP V22e FHD Monitor	28N41AA
HP V22v FHD Monitor	450M5AA
HP V22v FHD Monitor	450M5AS

HP V24 FHD Monitor	9SV73AA
HP V24 FHD Monitor	9SV73AS
HP V24 FHD Monitor	9WF30AA
HP V24 FHD Monitor	9WF31AA
HP V241ib FHD Monitor	453D6AA
HP V24e FHD Monitor	28N17AA
HP V24i FHD Monitor	9RV17AA
HP V24i FHD Monitor	9RV17AS
HP V27e FHD Monitor	28N20AA
HP V27i FHD Monitor	1K3W7AA
HP V27i FHD Monitor	9SV94AA
HP V27i FHD Monitor	9SV94AS
HP X24ih Gaming Monitor	2W925AA
HP X27 FHD Gaming Monitor	2V6B4AA
HP X27 FHD Gaming Monitor	2V6B4AS
HP X27 FHD Gaming Monitor	2V6B4E9
HP X27c FHD Gaming Monitor	32G13AA
HP X27c FHD Gaming Monitor	32G13AS
HP X27c FHD Gaming Monitor	32G13E9
HP X27q QHD Gaming Monitor	2V7U5AA
HP X27q QHD Gaming Monitor	2V7U5AS
HP X27q QHD Gaming Monitor	2V7U5E9
HP X27qc QHD Gaming Monitor	32H02AA
HP X27qc QHD Gaming Monitor	32H02AS
HP X27qc QHD Gaming Monitor	32H02E9
HP X32 QHD Gaming Monitor	2V7V4AA
HP X32 QHD Gaming Monitor	2V7V4AS
HP X32 QHD Gaming Monitor	2V7V4E9
HP X32c FHD Gaming Monitor	33K31AA
HP X32c FHD Gaming Monitor	33K31AS
HP X32c FHD Gaming Monitor	33K31E9
HP X34 WQHD Gaming Monitor	2V7W6AA
HP X34 WQHD Gaming Monitor	2V7W6AS
HP X34 WQHD Gaming Monitor	2V7W6E9

OMEN by HP Displays

OMEN 25i Gaming FHD Monitor	22J05AA
OMEN 25i Gaming FHD Monitor	22J05AS
OMEN 25i Gaming FHD Monitor	22J05E9
OMEN 27i IPS 165Hz 2k Gaming Monitor	8AC94AA
OMEN 27i Monitor	8AC94AS
OMEN X 25f 240Hz Gaming Display with Adaptive Sync	4WH47AA
OMEN X 27 240Hz Gaming Monitor	6FN07AS
OMEN X 27 HDR QHD 240Hz Gaming Monitor	6FN07AA

Keyboards/Mice and Input Devices

★ : Recommended

Keyboards

HP Pavilion Gaming Keyboard 800	5JS06AA ★
HP 230 Wireless Keyboard	3L1E7AA
HP Keyboard 100	2UN30AA
HP Pavilion Gaming Keyboard 550	9LY71AA
HP Pavilion Wired Keyboard 300	4CE96AA
HP Pavilion Wireless Keyboard 600 Black	4CE98AA
HP Pavilion Wireless Keyboard 600 White	4CF02AA
OMEN by HP Encoder Keyboard	6YW75AA
OMEN by HP Encoder Keyboard	6YW76AA
OMEN by HP Sequencer Keyboard	2VN99AA

Mice

HP Pavilion Gaming Mouse Pad 300	4PZ84AA ★
OMEN Vector Essential Mouse	8BC52AA ★
OMEN Vector Mouse	8BC53AA ★
HP X220 Backlit Gaming Mouse	8DX48AA ★
HP 150 Wired Mouse	240J6AA
HP 150 Wireless Mouse	2S9L1AA
HP 220 Silent Wireless Mouse	391R4AA
HP 220 Wireless Mouse	258A1AA
HP 280 Silent Wireless Mouse	19U64AA
HP 930 Creator Wireless Mouse	1DOK9AA
HP Bluetooth Travel Mouse	6SP25AA
HP Bluetooth® Mouse Z5000	2HW67AA
HP Dual Mode Black Mouse 300	6CR71AA
HP Dual Mode Mouse	6CR72AA
HP Pavilion Gaming Mouse 200	5JS07AA
HP Pavilion Gaming Mouse 300	4PH30AA
HP Spectre Rechargeable Mouse 700 (Luxe Cooper)	3NZ70AA
HP Spectre Rechargeable Mouse 700 (Turbo Silver)	3NZ71AA
HP Wired Mouse 100	6VY96AA

HP Wireless Mouse 220	3FV66AA
HP Wireless Mouse 220 (Lumiere Blue)	7KX11AA
HP Wireless Mouse 220 (Snow White)	7KX12AA
HP Wireless Mouse 220 (Sunset Red)	7KX10AA
HP Wireless Mouse 250	3FV67AA
HP Wireless Mouse X200	6VY95AA
HP Wireless Mouse Z3700	7UH88AA
HP Wireless Mouse Z3700 - White/Pink	4VY82AA
HP X4500 Wireless (Black) Mouse	H2W16AA
HP X500 Wired Mouse	E5E76AA
HP Z3700 Black Wireless Mouse	26V63AA
HP Z3700 Black Wireless Mouse	VOL79AA
HP Z3700 Blue Wireless Mouse	VOL81AA
HP Z3700 Ceramic White Wireless Mouse	171D8AA
HP Z3700 Forest Teal Wireless Mouse	171D9AA
HP Z3700 Gold Wireless Mouse	X7Q43AA
HP Z3700 Red Wireless Mouse	VOL82AA
HP Z3700 Silver Wireless Mouse	X7Q44AA
HP Z3700 White Wireless Mouse	VOL80AA
OMEN Vector Wireless Mouse	2B349AA
OMEN by HP Photon Wireless Mouse	6CL96AA
OMEN by HP Reactor Mouse	2VP02AA

Keyboard and Mouse Kits

HP 150 Wired Mouse and Keyboard	240J7AA
HP 230 Wireless Mouse and Keyboard Combo	18H24AA
HP 230 Wireless Mouse and Keyboard Combo	3L1F0AA
HP Pavilion Wireless Keyboard and Mouse 800	4CF00AA
HP Pavilion Wireless Keyboard and Mouse 800 (Black)	4CE99AA
HP Wired Keyboard and Mouse 160	6HD76AA
HP Wireless Keyboard and Mouse 300	3ML04AA

Cases and Covers

Backpacks

HP Pavilion Gaming Backpack 500	6EU58AA ★
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Audio/Multimedia and Communication Devices

Speakers

HP Black Bluetooth Speaker 350	2D802AA
HP Black Bluetooth Speaker 360	2D799AA
HP Blue Bluetooth Speaker 350	2D803AA
HP Gaming Speakers X1000	8PB07AA
HP Silver Bluetooth Speaker 350	2D804AA

Headsets

HP Bluetooth Headset 500	2J875AA
HP Pavilion Gaming Headset 400	4BX31AA
HP Pavilion Gaming Headset 600	4BX33AA
HP X1000 Wireless Gaming Headset	7HC43AA
OMEN Blast Headset	1A858AA

Headphones

HP Wireless Earbuds G2	169H9AA
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Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter	X1B84AA
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Batteries/Chargers/Adapters

Power Adapters

HP Pavilion USB-C to HDMI 2.0 Adapter	2PC54AA
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PC Drives and Storage

PC DVD+RW Drives

HP USB External DVDRW Drive	F6V97AA
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Cables/Cable Kits/Cable Adapters

Cable Adapters

HP USB Type-C to RJ45 Adapter	V8Y76AA
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HP USB-C to HDMI 2.0	1WC36AA
HP USB-C to RJ45 Adapter	V7W66AA
HP USB-C to VGA Adapter	N9K76AA
HP USB-C to VGA Display Adapter	P7Z54AA

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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>.

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