HP

HP 16-d0066na Intel® Core™ i5 i5-11400H Laptop 40.9 cm (16.1") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Ti Wi-Fi 6 (802.11ax) Windows 11 Home Silver

Brand : HP

Product name : 16-d0066na

Product code: 647V0EA

- Intel® Core™ i5-11400H (up to 4.5 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores, 12 threads)
- Windows 11 Home
- 40.9 cm (16.1") diagonal FHD display
- NVIDIA® GeForce RTX™ 3050 Ti Laptop GPU (4 GB GDDR6 dedicated)
- 16 GB memory; 512 GB SSD storage
Victus by HP Laptop 16-d0066na, Windows 11 Home, 16.1", Intel® Core™ i5, 16GB RAM, 512GB SSD, NVIDIA® GeForce RTX™ 3050 Ti, FHD, Mica silver

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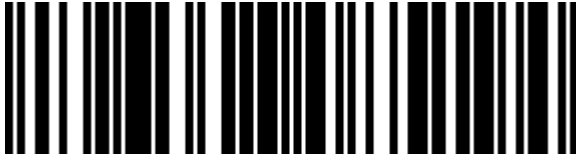
Let's Play
Powered by an Intel® Core™ processor[1], the Victus by HP 16.1 inch laptop has all the features to handle your gaming and daily needs. Increase your gaming flexibility with an all-purpose gaming keyboard and enjoy a tear-free fast refresh rate display. Power through the heat of every game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

ENERGY STAR

144Hz

Design

Colour name	Mica silver
Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell
Market positioning	Gaming
Introduction year	2021
Country of origin	China

Display

Display diagonal *	40.9 cm (16.1")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
Panel type	IPS
Native aspect ratio	16:9
Anti-glare screen	✔
Display bezel technology	Micro-Edge
Display brightness	250 cd/m²
Display diagonal (metric)	40.9 cm
RGB colour space	NTSC
Colour gamut	45%
Maximum refresh rate	144 Hz

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	11th gen Intel® Core™ i5
Processor model *	i5-11400H
Processor cores	6
Processor threads	12
Processor boost frequency	4.5 GHz
Processor cache	12 MB
Processor cache type	L3

Camera

Front camera	✔
Front camera signal format	720p
Front camera HD type	HD

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✘
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 6 AX201
WLAN controller manufacturer	Intel
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.0
Miracast	✔
MIMO	✔

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔
USB Sleep-and-Charge	✔
USB Sleep-and-Charge ports	2

Performance

Motherboard chipset	Intel HM570

Memory

Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	2933 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 8 GB
Memory slots	2x SO-DIMM
Memory slots (available)	2
Number of free internal memory expansion slots	2
ECC	✖

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD memory type	TLC
SSD interface	PCI Express, NVMe
NVMe	✔
SSD form factor	M.2
Optical drive type *	✖
Card reader integrated	✔
Compatible memory cards	SD

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 3050 Ti
Discrete graphics card memory	4 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✔
On-board graphics card model *	Intel® UHD Graphics

Audio

Audio system	B&O PLAY
Built-in speaker(s)	✔
Number of built-in speakers	2
Built-in microphone	✔
Number of microphones	2

Performance

Accelerometer	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Full-size keyboard	✔

Software

Pre-installed software	ExpressVPN (30 day free trial); LastPass Premium (30 day free trial), 1 month trial for new Microsoft 365 customers, McAfee LiveSafe™
Trial software	25 GB Dropbox storage for 12 months
Operating system installed *	Windows 11 Home

Brand-specific features

HP Audio Boost	✔
HP front camera	HP Wide Vision HD
HP Security tools	Trusted Platform Module (Firmware TPM) support
HP Software provided	HP Audio Switch; HP Connection Optimizer; HP CoolSense; HP QuickDrop; OMEN Gaming Hub
HP segment	Home

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	4
Battery capacity *	70 Wh
Fast charging	✔

Security

Trusted Platform Module (TPM)	✔
Password protection	✔

Sustainability

Sustainability certificates	ENERGY STAR
Sustainable technologies and materials	Ocean-bound plastic in base and speaker enclosure(s); Keyboard keycaps made with post-consumer recycled plastic

Weight & dimensions

Width	370 mm
Depth	260 mm
Height	23.5 mm
Weight *	2.46 kg

Packaging data

Package width	69 mm
Package depth	552 mm
Package height	345 mm
Package weight	3.71 kg

Packaging content

Keyboard included	✔

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