HP Victus Gaming 15-fa1006na Intel® Core™ i5 i5-12500H Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : HP   **Product family:** Victus Gaming   **Product code:** 876Z0EA

Product name : 15-fa1006na

- Intel® Core™ i5-12500H (up to 4.5 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 12 cores, 16 threads)
- Windows 11 Home
- 39.6 cm (15.6") diagonal FHD display
- NVIDIA® GeForce RTX™ 4060 Laptop GPU (8 GB GDDR6 dedicated)
- 16 GB memory; 1 TB SSD storage
Victus Gaming Laptop 15-fa1006na, Windows 11 Home, 15.6", Intel® Core™ i5, 16GB RAM, 512GB SSD, NVIDIA® GeForce RTX™ 4060, FHD, Mica silver

HP Victus Gaming 15-fa1006na Intel® Core™ i5 i5-12500H Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black:

Desktop power in one portable package.
The HP Victus Laptop is made for peak PC gaming. This sleek machine touts a 13th 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 and an HD camera with Temporal Noise Reduction.

Design

Colour name	Mica silver, black chrome logo
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Gaming
Introduction year	2023
Product design	Paint finish
Original brand name	HP

Display

Display diagonal *	39.6 cm (15.6")
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
RGB colour space	NTSC
Colour gamut	45%
Display response rise/fall	9 ms

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	12th gen Intel® Core™ i5
Processor model *	i5-12500H
Processor cores	12
Processor threads	16
Processor boost frequency	4.5 GHz
Performance cores	4

Network

Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.3
MIMO type	Multi User MIMO
Cabling technology	10/100/1000Base-T(X)

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
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 SoC

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Island-style keyboard	✔
Full-size keyboard	✔
Keyboard colour name	mica silver

Processor

Efficient cores	8
Performance-core Max Turbo Frequency	4.5 GHz
Efficient-core Max Turbo Frequency	3.3 GHz
Processor cache	18 MB
Processor cache type	L3
Configurable TDP-down	35 W
Processor base power	45 W
Maximum turbo power	95 W

Memory

Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	3200 MHz
Memory layout (slots x size)	2 x 8 GB
Memory slots (available)	2
Number of free internal memory expansion slots	2
ECC	✘
Non-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	✔
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 4060
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✔
On-board graphics card family	Intel Iris Xe Graphics
On-board graphics card model *	Intel Iris Xe Graphics

Audio

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

Camera

Front camera	✔
Front camera HD type	HD

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✘
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 6E AX211
WLAN controller manufacturer	Intel

Software

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

Processor special features

Intel Flex Memory Access	✔
Intel Trusted Execution Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Execute Disable Bit	✔
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Brand-specific features

HP Audio Boost	✔
HP speaker type	HP Dual Speakers
HP Smart AC Adapter	✔
HP Imagepad	✔
HP front camera	HP Wide Vision HD
HP Security tools	Trusted Platform Module (Firmware TPM) support
HP Software provided	HP CoolSense; HP Support Assistant; HP Connection Optimizer; OMEN Gaming Hub; myHP
HP segment	Home
HP GTIN (EAN/UPC)	197497674507

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	4
Battery capacity *	70 Wh
Battery life (max)	8.5 h
Continuous video playback time	10.5 h
Fast charging	✔
Fast charging time (50%)	30 min
Battery weight	280 g

Power

AC adapter power	200 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V

Security

Trusted Platform Module (TPM)	✔
Password protection	✔
Password protection type	BIOS, Power on, User

Sustainability

Sustainability compliance	✔
Sustainability certificates	ENERGY STAR, EPEAT Silver
Sustainable technologies and materials	Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic

Weight & dimensions

Width	357.9 mm
Depth	255 mm

Network		
Ethernet LAN	✓	

Weight & dimensions	
Height	23.5 mm
Weight *	2.29 kg

Packaging data	
Package width	69 mm
Package depth	520 mm
Package height	305 mm
Package weight	3.35 kg

Packaging content	
Stylus pen	✗

Logistics data	
Harmonized System (HS) code	8471300000

Other features	
Number of speakers	2

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