



HP Victus Gaming 15-fa0021na Laptop 39.6 cm (15.6") Full HD Intel® Core™ i5 i5-12450H 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6E (802.11ax) Windows 11 Home Black



Brand : HP **Product family:** Victus Gaming **Product code:** 84T81EA
Product name : 15-fa0021na

- Intel® Core™ i5-12450H (up to 4.4 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 8 cores, 12 threads)
 - Windows 11 Home
 - 39.6 cm (15.6") diagonal FHD display
 - NVIDIA® GeForce RTX™ 3050 Laptop GPU (4 GB GDDR6 dedicated)
 - 16 GB memory; 512 GB SSD storage
- Victus Gaming Laptop 15-fa0021na, Windows 11 Home, 15.6", Intel® Core™ i5, 16GB RAM, 512GB SSD, NVIDIA® GeForce RTX™ 3050, FHD, Mica silver

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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.



144Hz

Design		Network	
Colour name	Mica silver, black chrome logo	Ethernet LAN	✓
Product type *	Laptop	Ethernet LAN data rates	10,100,1000 Mbit/s
Product colour *	Black	Bluetooth	✓
Form factor *	Clamshell	Bluetooth version	5.3
Market positioning	Gaming	MIMO	✓
Introduction year	2023	Ports & interfaces	
Product design	Paint finish	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Original brand name	HP	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Display		Ethernet LAN (RJ-45) ports	1
Display diagonal *	39.6 cm (15.6")	HDMI ports quantity *	1
Display resolution *	1920 x 1080 pixels	HDMI version	2.1
Touchscreen *	✗	Combo headphone/mic port	✓
HD type	Full HD	USB Type-C DisplayPort Alternate Mode	✓
Panel type	IPS	USB Sleep-and-Charge	✓
Native aspect ratio	16:9	USB Sleep-and-Charge ports	2
Anti-glare screen	✓	Keyboard	
Display bezel technology	Micro-Edge	Pointing device	Touchpad
Display brightness	250 cd/m ²	Numeric keypad *	✓
Display diagonal (metric)	39.6 cm	Keyboard backlit	✓
RGB colour space	NTSC	Full-size keyboard	✓
Colour gamut	45%	Software	
Display response rise/fall	9 ms	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
Maximum refresh rate	144 Hz	Trial software	25 GB Dropbox storage for 12 months
Processor			
Processor manufacturer *	Intel		
Processor generation	12th gen Intel® Core™ i5		
Processor family *	Intel® Core™ i5		
Processor model *	i5-12450H		
Processor boost frequency	4.4 GHz		
Processor threads	12		
Processor cores	8		

Processor		Software	
Processor cache	12 MB	Operating system installed *	Windows 11 Home
Processor cache type	L3	Processor special features	
Motherboard chipset	Intel SoC	Intel Flex Memory Access	✓
Configurable TDP-down	35 W	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Execute Disable Bit	✓
Internal memory *	16 GB	CPU configuration (max)	1
Internal memory type	DDR4-SDRAM	Embedded options available	✗
Memory clock speed	3200 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory form factor	SO-DIMM	Intel Virtualization Technology (VT-x)	✓
Memory layout (slots x size)	2 x 8 GB	Brand-specific features	
Memory slots (available)	2	HP Audio Boost	✓
Number of free internal memory expansion slots	8	HP speaker type	HP Dual Speakers
Storage		HP Smart AC Adapter	✓
Total storage capacity *	512 GB	HP Imagepad	✓
Storage media *	SSD	HP front camera	HP Wide Vision HD
Total SSDs capacity	512 GB	HP Security tools	Trusted Platform Module (Firmware TPM) support
Number of SSDs installed	1	HP Software provided	HP Support Assistant; HP Connection Optimizer; HP QuickDrop; MyHP; OMEN Gaming Hub
SSD capacity	512 GB	HP segment	Home
SSD memory type	TLC	HP GTIN (EAN/UPC)	197497551150
SSD interface	PCI Express 4.0	Battery	
NVMe	✓	Battery technology	Lithium Polymer (LiPo)
SSD form factor	M.2	Number of battery cells	4
Optical drive type *	✗	Battery capacity *	70 Wh
Card reader integrated	✓	Battery life (max)	8.25 h
Compatible memory cards	SD	Continuous video playback time	10.5 h
Graphics		Fast charging	✓
Discrete GPU manufacturer	NVIDIA	Fast charging time (50%)	30 min
Discrete graphics card model *	NVIDIA GeForce RTX 3050	Battery weight	280 g
On-board graphics card *	✓	Power	
On-board GPU manufacturer	Intel	AC adapter power	200 W
Discrete graphics card *	✓	AC adapter frequency	50/60 Hz
On-board graphics card model *	Intel® UHD Graphics	AC adapter input voltage	100 - 240 V
Discrete graphics card memory	4 GB	Security	
Discrete graphics memory type	GDDR6	Trusted Platform Module (TPM)	✓
Audio		Password protection	✓
Audio system	Bang & Olufsen	Password protection type	BIOS, Power on, User
Built-in speaker(s)	✓	Sustainability	
Number of built-in speakers	2	Sustainability compliance	✓
Built-in microphone	✓	Sustainability certificates	ENERGY STAR, EPEAT Silver
Number of microphones	2	Sustainable technologies and materials	Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic
Camera		Weight & dimensions	
Front camera	✓	Width	357.9 mm
Front camera HD type	HD	Depth	255 mm
Network		Height	23.5 mm
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Weight *	2.29 kg
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Packaging data	
Mobile network connection *	✗	Package width	69 mm
Antenna type	2x2	Package depth	520 mm
WLAN controller model	Intel Wi-Fi 6E AX211	Package height	305 mm
WLAN controller manufacturer	Intel		

Packaging data

Package weight	3.35 kg
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Logistics data

Harmonized System (HS) code	8471300000
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