



HP OMEN 15-en1001na AMD Ryzen™ 7 5800H Laptop 39.6 cm (15.6") Quad HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 3070 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : HP **Product family:** OMEN **Product code:** 39P49EA
Product name : 15-en1001na

- AMD Ryzen™ 7 5800H (up to 4.4 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads)
- Windows 11 Home
- 39.6 cm (15.6") diagonal QHD display
- NVIDIA® GeForce RTX™ 3070 Laptop GPU (8 GB GDDR6 dedicated)
- 16 GB memory; 512 GB SSD storage

OMEN Laptop 15-en1001na, 15.6", Windows 11 Home, AMD Ryzen™ 7, 16GB RAM, 512GB SSD, NVIDIA® GeForce® RTX™ 3070, QHD, Mica silver

[HP OMEN 15-en1001na AMD Ryzen™ 7 5800H Laptop 39.6 cm \(15.6"\) Quad HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 3070 Wi-Fi 6 \(802.11ax\) Windows 11 Home Black:](#)

Look as Good as Your Game

Behold the OMEN 15 gaming laptop, a lean, clean, playing machine powerful enough to hang with the big boxes and compact enough to take the game wherever your heart desires. Check out its big brains in its fast AMD processor and NVIDIA® graphics card, stunning display, and near-eternal battery life. Take control of it all and make it your own in the OMEN Gaming Hub.



165Hz

Audio by BANG & OLUFSEN

Design		Camera	
Colour name	Mica silver	Front camera	✓
Product type *	Laptop	Front camera signal format	720p
Product colour *	Black	Front camera HD type	HD
Form factor *	Clamshell	Network	
Market positioning	Gaming	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Intel® vPro™ Platform Eligibility	✗	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Country of origin	China	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	39.6 cm (15.6")	WLAN controller model	Intel Wi-Fi 6 AX200
Display resolution *	2560 x 1440 pixels	WLAN controller manufacturer	Intel
Touchscreen *	✗	Ethernet LAN	✓
HD type	Quad HD	Ethernet LAN data rates	10,100,1000 Mbit/s
Panel type	IPS	Bluetooth	✓
LED backlight	✓	Bluetooth version	5.0
Native aspect ratio	16:9	Miracast	✓
Anti-glare screen	✓	MIMO	✓
Display bezel technology	Micro-Edge	MIMO type	Multi User MIMO
Display brightness	300 cd/m ²	Ports & interfaces	
Display diagonal (metric)	39.6 cm	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
RGB colour space	DCI-P3	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Colour gamut	100%	Ethernet LAN (RJ-45) ports	1
Display response rise/fall	3 ms	HDMI ports quantity *	1
Maximum refresh rate	165 Hz	HDMI version	2.1
Processor		Mini DisplayPorts quantity	1
Processor manufacturer *	AMD	Combo headphone/mic port	✓
Processor family *	AMD Ryzen™ 7	Charging port type	DC-in jack
Processor generation	AMD Ryzen 5000 Series	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	5800H	USB Sleep-and-Charge	✓
Processor cores	8	USB Sleep-and-Charge ports	2
Processor threads	16		
Processor boost frequency	4.4 GHz		

Processor		Performance	
Processor frequency *	3.2 GHz	Motherboard chipset	AMD SoC
Processor cache	16 MB	Keyboard	
Processor cache type	L3	Pointing device	Touchpad
Memory		Numeric keypad *	✗
Internal memory *	16 GB	Keyboard backlit	✓
Internal memory type	DDR4-SDRAM	Keyboard backlit zone	4-zone RGB
Memory clock speed	3200 MHz	Full-size keyboard	✓
Memory form factor	SO-DIMM	Software	
Memory layout (slots x size)	2 x 8 GB	Operating system architecture	64-bit
Memory slots	2x SO-DIMM	Pre-installed software	Dropbox, ExpressVPN
Memory slots (available)	2	Trial software	McAfee LiveSafe, Microsoft 365
ECC	✗	Operating system installed *	Windows 11 Home
Storage		Brand-specific features	
Total storage capacity *	512 GB	HP OMEN Command Center	✓
Storage media *	SSD	HP Audio Boost	✓
Total SSDs capacity	512 GB	HP speaker type	HP Dual Speakers
Number of SSDs installed	1	HP Audio Switch	✓
SSD capacity	512 GB	HP Connection Optimizer	✓
SSD memory type	TLC	HP Imagepad	✓
SSD interface	PCI Express, NVMe	HP front camera	HP Wide Vision HD
NVMe	✓	HP segment	Home
SSD form factor	M.2	Battery	
Optical drive type *	✗	Battery technology	Lithium Polymer (LiPo)
Card reader integrated	✓	Number of battery cells	6
Compatible memory cards	SD	Battery capacity *	70.9 Wh
Graphics		Battery life (max)	8 h
Discrete GPU manufacturer	NVIDIA	Fast charging	✓
Discrete graphics card model *	NVIDIA GeForce RTX 3070	Fast charging time (50%)	45 min
Discrete graphics card memory	8 GB	Battery weight	270 g
Discrete graphics memory type	GDDR6	Power	
On-board graphics card *	✓	AC adapter power	200 W
On-board GPU manufacturer	AMD	Weight & dimensions	
Discrete graphics card *	✓	Width	357.9 mm
On-board graphics card model *	AMD Radeon Graphics	Depth	239.7 mm
Audio		Height	22.9 mm
Audio system	Bang & Olufsen	Weight *	2.46 kg
Number of built-in speakers	2	Packaging data	
Built-in microphone	✓	Package width	69 mm
Number of microphones	2	Package depth	520 mm
		Package height	305 mm
		Package weight	3.65 kg



0195908170099



195908170099

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.