HP

OMEN by HP 17-db0004nt AMD Ryzen™ 9 8945HS Laptop 43.9 cm (17.3") Full HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) FreeDOS Black

Brand : HP   **Product family:** OMEN by HP   **Product code:** A1WN3EA

Product name : 17-db0004nt

- FreeDOS
- AMD Ryzen 9 8945HS (4GHz)
- 43.9 cm (17.3") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD
AMD Ryzen 9 8945HS (4GHz), 16GB DDR5-SDRAM, 1000GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080 IPS, AMD Radeon 780M, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, FreeDOS

OMEN by HP 17-db0004nt AMD Ryzen™ 9 8945HS Laptop 43.9 cm (17.3") Full HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) FreeDOS Black:

Everything you need, nothing you don't

With the new OMEN 17, we didn't waste time loading it with features you'd never use. Instead, with an impressive 17" IPS display with 100% sRGB, new AI-enhanced AMD Ryzen 8000 CPUs and NVIDIA RTX 40 Series GPUs, as well as a 1-zone RGB numeric keyboard, it's everything you need for great gaming and nothing you don't.

Design

Color name	Shadow black
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Gaming
Introduction year	2024
Original brand name	HP

Display

Display diagonal *	43.9 cm (17.3")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
Panel type	IPS
LED backlight	✔
Native aspect ratio	16:9
Display brightness	300 cd/m²
Display diagonal (metric)	43.9 cm
RGB colour space	sRGB
Color gamut	100%

Processor

Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 9
Processor generation	AMD Ryzen 8000 Series
Processor *	8945HS
Processor number of cores	8
Processor threads	16
Processor boost frequency	5.2 GHz
Processor frequency *	4 GHz

Memory

Internal memory *	16 GB

Network

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

Ports & interfaces

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

Chipset	AMD SoC
Temperature sensor	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Keyboard backlit zone	1-zone RGB
Full-size keyboard	✔
Keyboard colour name	Shadow black

Memory

Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 8 GB

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
Solid-state drive capacity	1 TB
Solid-state drive interfaces	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive *	✘

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 *	✔
Discrete graphics card *	✔
On-board graphics card family	AMD Radeon Graphics
On-board graphics card model *	AMD Radeon 780M

Audio

Built-in speaker(s)	✔
Number of built-in speakers	2
Built-in microphone	✔
Number of microphones	2

Camera

Front camera	✔
Front camera HD type	Full 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 manufacturer	Realtek

Software

Operating system installed *	FreeDOS

Special features

HP Audio Boost	✔
HP speaker type	HP Dual Speakers
HP Imagepad	✔
HP front camera	HP TrueVision FHD
HP segment	Home

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	6
Battery capacity *	86 Wh
Battery life (max)	7 h
Continuous video playback time	10 h
Fast charging	✔
Fast charging time (50%)	30 min

Power

AC adapter power	230 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
USB Power Delivery (USB PD)	✔

Security

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

Sustainability

Sustainability compliance	✔
Sustainability certificates	ENERGY STAR

Weight & dimensions

Width	397.5 mm
Depth	277.9 mm
Height (front)	2.75 cm
Height (rear)	3 cm
Weight *	2.95 kg

Packaging data

Package width	94 mm
Package depth	461 mm
Package height	332 mm
Package weight	4.64 kg

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