

## OMEN by HP 17-cb0005na Intel® Core™ i7 i7-9750H Laptop 43,9 cm (17.3") Full HD 16 GB DDR4-SDRAM 1,51 TB HDD+SSD NVIDIA® GeForce RTX™ 2060 Wi-Fi 6 (802.11ax) Windows 10 Home Black

Brand: HP Product family: OMEN by HP Product code: 7EC51EA

Product name: 17-cb0005na

- Windows 10 Home 64-bit
- Intel Core i7-9750H (12MB Cache, 2.6GHz)
- 43.9 cm (17.3") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 2060 (6GB GDDR6)
- 16GB (2666MHz) DDR4-SDRAM (2 x 8) & 1000GB HDD, 512GB SSD

Intel Core i7-9750H (12MB Cache, 2.6GHz), 16GB DDR4-SDRAM, 1000GB HDD, 512GB SSD, 43.9 cm (17.3") Full HD 1920  $\times$  1080 IPS, Intel UHD Graphics 630, NVIDIA GeForce RTX 2060 (6GB GDDR6), LAN, WLAN, Bluetooth, HP Wide Vision HD, Windows 10 Home 64-bit

OMEN by HP 17-cb0005na Intel® Core™ i7 i7-9750H Laptop 43,9 cm (17.3") Full HD 16 GB DDR4-SDRAM 1,51 TB HDD+SSD NVIDIA® GeForce RTX™ 2060 Wi-Fi 6 (802.11ax) Windows 10 Home Black:



Stunning desktop-grade power in a sleek, portable design keeps you playing your best wherever gaming takes you. Take on the most demanding AAA game titles with NVIDIA® GeForce® graphics and a 9th generation Intel® Core™ processor<sup>[1]</sup>. Immerse yourself in smooth gameplay on a narrow-bezel display with fast refresh rates.

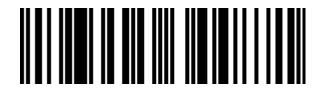






Processor		Software	
Processor socket	BGA 1440	Bundled software	Dropbox
Processor lithography	14 nm	Processor special features	
Processor operating modes	64-bit	Intel® My WiFi Technology (Intel®	/
Processor codename Thermal Design Power (TDP)	Coffee Lake 45 W	MWT)	•
Configurable TDP-down	35 W	Intel® Identity Protection Technology (Intel® IPT)	✓
Tjunction	100 °C	Intel® Hyper Threading Technology	,
Maximum number of PCI Express	16	(Intel® HT Technology) Intel® Turbo Boost Technology	2.0
lanes PCI Express slots version	3.0	Enhanced Intel SpeedStep	2.0
PCI Express configurations	1x16, 2x8, 1x8+2x4	Technology	<b>✓</b>
Memory		Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Internal memory *	16 GB	Intel Clear Video Technology	<b>✓</b>
Internal memory type	DDR4-SDRAM	Intel® InTru™ 3D Technology	✓
Memory clock speed	2666 MHz	Intel® Quick Sync Video Technology	<b>✓</b>
Memory form factor  Memory layout (slots x size)	SO-DIMM 2 x 8 GB	Intel Flex Memory Access	✓
Memory slots	2x SO-DIMM	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory slots (available)	2	Intel Trusted Execution Technology	×
ECC	×	Intel VT-x with Extended Page	· ·
Storage		Tables (EPT)	
Total storage capacity *	1,51 TB	Intel® Secure Key	<b>V</b>
Storage media * Total HDDs capacity	HDD+SSD 1 TB	Intel TSX-NI Intel Stable Image Platform Program	X
Number of HDDs installed	1	(SIPP)	X
HDD capacity	1 TB	Intel® OS Guard	✓
HDD interface	SATA	Intel Software Guard Extensions (Intel SGX)	✓
HDD speed	7200 RPM	Intel 64	✓
Total SSDs capacity Number of SSDs installed	512 GB 1	Execute Disable Bit	<b>✓</b>
SSD capacity	512 GB	Idle States	✓
SSD interface	NVMe	Thermal Monitoring Technologies	✓
NVMe	✓	Processor package size	42 x 28 mm
SSD form factor	M.2	Supported instruction sets CPU configuration (max)	SSE4.1, SSE4.2, AVX 2.0
Optical drive type *	×	Embedded options available	1 <b>X</b>
Card reader integrated  Compatible memory cards	SD	Intel Virtualization Technology for	· •
Graphics		Directed I/O (VT-d)	•
Discrete GPU manufacturer	NVIDIA	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	NVIDIA® GeForce RTX™ 2060	Processor ARK ID	191045
Discrete graphics card memory	6 GB	Brand-specific features	
Discrete graphics memory type	GDDR6	HP JumpStart	✓
On-board graphics card *	1	HP 3D DriveGuard	✓
Discrete graphics card * On-board graphics card family	✓ Intel® UHD Graphics	HP Audio Boost	✓
On-board graphics card model *	Intel® UHD Graphics 630	HP speaker type	HP Dual Speakers
On-board graphics card base	350 MHz	HP Audio Switch	<b>V</b>
frequency On-board graphics card dynamic		HP Support Assistant HP front camera	HP Wide Vision HD
frequency (max)	1150 MHz	HP segment	Home
Maximum on-board graphics card memory	64 GB	Battery	
On-board graphics card DirectX	12.0	Battery technology	Lithium Polymer (LiPo)
version	12.0	Number of battery cells	4
On-board graphics card OpenGL version	4.5	Battery capacity *	70 Wh
On-board graphics card ID	0x3E9B	Fast charging	✓ AF main
Audio		Fast charging time (50%) Battery weight	45 min 222 g
Audio system	Bang & Olufsen	Justici y morganic	9

Audio		Power	
Number of built-in speakers	2	AC adapter power	200 W
Built-in microphone	✓	Sustainability	
Camera		Sustainability certificates	EPEAT Silver, ENERGY STAR
Front camera	✓	Weight & dimensions	
Front camera HD type	HD	Width	405 mm
Network		Depth	295 mm
Wi-Fi	<b>✓</b>	Height	27 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax) Wi-Fi 6 (802.11ax)	Weight *	3,31 kg
Wi-Fi standards		Packaging data	
Antenna type	2x2	Package width	598 mm
WLAN controller model	Intel Wi-Fi 6 AX200	Package depth	345 mm
WLAN controller manufacturer			
	Intel	Package height	69 mm
Ethernet LAN	Intel  ✓	Package height Package weight	69 mm 4,7 kg
Ethernet LAN Ethernet LAN data rates			
	<b>✓</b>	Package weight	
Ethernet LAN data rates	✓ 10,100,1000 Mbit/s	Package weight  Packaging content	4,7 kg





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