



HP OMEN 17-an045tx Intel® Core™ i7 i7-7700HQ Ordinateur portable 43,9 cm (17.3") Full HD 16 Go DDR4-SDRAM 2,13 To HDD+SSD NVIDIA® GeForce® GTX 1050 Wi-Fi 5 (802.11ac) Windows 10 Home Noir, Rouge

Marque : HP

Famille de produit: OMEN

Code produit: 2JQ26PA

Nom du produit : 17-an045tx

HP OMEN 17-an045tx. Type de produit: Ordinateur portable, Format: Boîte coquille. Famille de processeur: Intel® Core™ i7, Modèle de processeur: i7-7700HQ, Fréquence du processeur: 2,8 GHz. Taille de l'écran: 43,9 cm (17.3"), Type HD: Full HD, Résolution de l'écran: 1920 x 1080 pixels. Mémoire interne: 16 Go, Type de mémoire interne: DDR4-SDRAM. Capacité totale de stockage: 2,13 To, Supports de stockage: HDD+SSD. Modèle d'adaptateur graphique inclus: Intel® HD Graphics 630. Système d'exploitation installé: Windows 10 Home. Couleur du produit: Noir, Rouge



Design		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product colour *	Black, Red	Numeric keypad *	✓
Form factor *	Clamshell	Island-style keyboard	✓
Market positioning	Gaming	Full-size keyboard	✓
Country of origin	China	Windows keys	✓
Display		Software	
Display diagonal *	43.9 cm (17.3")	Operating system architecture	64-bit
Display resolution *	1920 x 1080 pixels	Pre-installed software	Netflix, Dropbox
Touchscreen *	✗	Trial software	Microsoft Office 365, McAfee LiveSafe
HD type	Full HD	Operating system installed *	Windows 10 Home
Panel type	IPS	Processor special features	
LED backlight	✓	Intel® Wireless Display (Intel® WiDi)	✓
Native aspect ratio	16:9	Intel® My WiFi Technology (Intel® MWT)	✓
Display surface	Matt	Intel® Smart Response Technology	✓
Processor		Intel® Identity Protection Technology (Intel® IPT)	✓
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Core™ i7	Intel® Turbo Boost Technology	2.0
Processor generation	7th gen Intel® Core™ i7	Enhanced Intel SpeedStep Technology	✓
Processor model *	i7-7700HQ	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cores	4	Intel Clear Video Technology	✓
Processor threads	8	Intel® InTru™ 3D Technology	✓
Processor boost frequency	3.8 GHz	Intel® Quick Sync Video Technology	✓
Processor frequency *	2.8 GHz	Intel Flex Memory Access	✓
System bus rate	8 GT/s	Intel® Smart Cache	✓
Processor cache	6 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache type	Smart Cache		
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-7700 Mobile Series		
Processor codename	Kaby Lake		
Bus type	DMI3		
Thermal Design Power (TDP)	45 W		

Processor		Processor special features	
Configurable TDP-down	35 W	Intel Trusted Execution Technology	✗
Tjunction	100 °C	Intel Enhanced Halt State	✓
Maximum number of PCI Express lanes	16	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	3.0	Intel® Secure Key	✓
PCI Express configurations	1x16, 1x8, 2x4, 2x8	Intel TSX-NI	✗
ECC supported by processor	✗	Intel Stable Image Platform Program (SIPP)	✗
Memory		Intel® OS Guard	✓
Internal memory *	16 GB	Intel Software Guard Extensions (Intel SGX)	✓
Internal memory type	DDR4-SDRAM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory clock speed	2400 MHz	Intel 64	✓
Memory layout (slots x size)	2 x 8 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	2.13 TB	Thermal Monitoring Technologies	✓
Storage media *	HDD+SSD	Processor package size	42 x 28 mm
Total HDDs capacity	2 TB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Number of HDDs installed	1	CPU configuration (max)	1
HDD capacity	2 TB	Embedded options available	✗
HDD interface	SATA	Graphics & IMC lithography	14 nm
HDD speed	5400 RPM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total SSDs capacity	128 GB	Intel Identity Protection Technology version	1.00
Number of SSDs installed	1	Intel Smart Response Technology version	1.00
SSD capacity	128 GB	Intel Stable Image Platform Program (SIPP) version	0.00
SSD interface	NVMe, PCI Express	Intel Secure Key Technology version	1.00
NVMe	✓	Intel Small Business Advantage (SBA) version	1.00
SSD form factor	M.2	Intel TSX-NI version	0.00
Optical drive type *	✗	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Processor ARK ID	97185
Compatible memory cards	SD	Conflict-Free processor	✓
Graphics		Brand-specific features	
Discrete graphics card model *	NVIDIA® GeForce® GTX 1050	HP OMEN Command Center	✓
Discrete graphics card memory	4 GB	HP JumpStart	✓
Discrete graphics memory type	GDDR5	HP 3D DriveGuard	✓
On-board graphics card *	✓	HP CoolSense	✓
Discrete graphics card *	✓	HP Audio Boost	✓
On-board graphics card family	Intel® HD Graphics	HP speaker type	HP Dual Speakers
On-board graphics card model *	Intel® HD Graphics 630	HP Audio Switch	✓
On-board graphics card base frequency	350 MHz	HP ePrint	✓
On-board graphics card dynamic frequency (max)	1100 MHz	HP Recovery Manager	✓
Maximum on-board graphics card memory	64 GB	HP Support Assistant	✓
On-board graphics card DirectX version	12.0	HP Smart AC Adapter	✓
On-board graphics card OpenGL version	4.4	HP front camera	HP Wide Vision HD
On-board graphics card ID	0x591B	HP segment	Home
NVIDIA G-SYNC	✓	Battery	
Audio		Battery technology	Lithium-Ion (Li-Ion)
Audio system	Bang & Olufsen	Number of battery cells	8
Number of built-in speakers	2	Battery capacity *	82 Wh
Built-in microphone	✓	Battery life (max)	12.75 h
Camera		Continuous video playback time	11 h
Front camera	✓	Network	
Network		Wi-Fi	✓
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)		

Network		Power	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n), 802.11a, Wi-Fi 5 (802.11ac)	AC adapter power	150 W
Antenna type	2x2	Security	
Ethernet LAN	✓	Cable lock slot	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Cable lock slot type	Kensington
Bluetooth	✓	Trusted Platform Module (TPM)	✓
Bluetooth version	4.2	Password protection	✓
Miracast	✓	Password protection type	Power on
Ports & interfaces		Sustainability	
USB 2.0 ports quantity *	1	Sustainability certificates	EPEAT Silver, ENERGY STAR
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Weight & dimensions	
Ethernet LAN (RJ-45) ports	1	Width	423 mm
HDMI ports quantity *	1	Depth	304 mm
DVI port	✗	Height	33 mm
Microphone in	✗	Weight *	3.78 kg
Combo headphone/mic port	✓	Other features	
Docking connector	✗	3D	✗
USB Type-C DisplayPort Alternate Mode	✓		
USB Sleep-and-Charge	✓		
USB Sleep-and-Charge ports	4		
Performance			
Motherboard chipset	Intel® HM175		

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