

OMEN by HP 17-w100nx



Wake up. Battle. Conquer. Repeat.

Work harder, train longer, and rise up to the relentless competition. Equipped with powerful hardware and a venomous design, the OMEN Laptop is ready for the challenge, anytime, anywhere. Go on, stake your claim.



VR-ready performance

Includes a quad-core Intel® Core™ processor and up to NVIDIA® GeForce® GTX 1070 graphics. You'll be prepared for the next generation of gaming with the high-powered hardware that VR demands.¹



Get in the game

Features NVIDIA® G-sync technology and a 4K IPS display² (on select models). Get smooth, fast, incredibly detailed gameplay, with no screen tearing and minimized input lag.



Built for greatness

Hone your skills on a streamlined laptop designed to dominate any game. With a sleek profile and Dragon Red backlit keyboard, it's ready for the competition.

HP Lounge, get closer to the Artists you love

With unlimited access to music and exclusive content for HP customers, there's no need to search for it, as it comes to you.¹⁷



BANG & OLUFSEN



¹ NVIDIA, GeForce, and the NVIDIA logo are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. Intel and Core are trademarks of Intel Corporation in the U.S. and other countries.² On select models. 4K content required to view full 4K images. NVIDIA, GeForce, and the NVIDIA logo are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. ¹⁷ Unlimited access to Universal Music's portfolio for 12 months, free to HP customers. Internet access is required.

Datasheet

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Operating System	Windows 10 Home 64
Software - Productivity	1 month trial for new Microsoft® Office 365 customers
Processor	Intel® Core™ i7-6700HQ (2.6 GHz, up to 3.5 GHz, 6 MB cache, 4 cores) Processor family: 6th Generation Intel® Core™ i7 processor
Chipset	Intel HM170
Memory	16 GB DDR4-2133 SDRAM (2 x 8 GB); Transfer rates up to 2133 MT/s
Storage	2 TB 5400 rpm SATA; 128 GB M.2 SSD Dropbox ¹
Webcam	HP Wide Vision HD Camera with dual array digital microphone
Sensors	Accelerometer
Communication	Integrated 10/100/1000 Gigabit Ethernet LAN; Intel® 802.11ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo (Miracast compatible)
Ease of use	Kensington MicroSaver® lock slot; Power-on password; Accepts third-party security lock devices; Trusted Platform Module (TPM) support
Display	43.9 cm (17.3") diagonal UHD IPS UWVA anti-glare WLED-backlit (3840 x 2160)
Video	NVIDIA® GeForce® GTX 1060 (6 GB GDDR5 dedicated)
Sound	Bang & Olufsen; HP Audio Boost; Quad speakers
Keyboard	Full-size island-style backlit keyboard with numeric keypad; HP Imagepad with multi-touch gesture support
Ports	1 HDMI; 1 headphone/microphone combo; 3 USB 3.1; 1 Mini DisplayPort; 1 RJ-45 1 multi-format SD media card reader
Battery Type	6-cell, 95.8 Wh Li-ion
Power	230 W AC power adapter
Product Color	Shadow mesh cover, twinkle black base; Shadow mesh pattern
HP Apps	HP Audio Switch; HP CoolSense; HP JumpStart; HP Lounge
Software	Netflix; SteelSeries Engine 3
Service & support	McAfee LiveSafe™ ²
Additional information	P/N: Y3W76EA #A2N UPC/EAN code: 190780595305
Weight	3.35 kg; Packed: 4.35 kg; Weight varies by configuration
Dimensions	41.6 x 27.9 x 3.29 cm; Packed: 55.2 x 34.5 x 6.9 cm; Dimensions vary by configuration
Energy Efficiency Compliance	ENERGY STAR® certified; EPEAT® Silver registered
Warranty	1-year limited parts, labour, and carry-in service You can expand the warranty coverage of your product to reach up to 3 years in total; for more information, check with your HP reseller.

¹ 25 GB of free online storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the website at www.dropbox.com. Internet service required and not included. ² McAfee LiveSafe 12-month free trial offer (Internet access required. First 12 months included. Subscription required for live updates afterwards.)

Compatible accessories and services*

* Not included.



3-year return to
depot
UM931E

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