



HP ENVY Laptop 15-ep0355ng (21V72EA)



Overview

As limitless as your imagination

Performance meets precision. Harness the power of the ENVY 15 Laptop with an Intel® Core™ processor plus stunning NVIDIA® GeForce® graphics, high definition display so you can create in true-to-life colors with the greatest of ease. Ensure your creations stay private with features designed for your peace of mind.



Create fast so you can share faster

Create fast and at peak performance with an Intel® Core™ processor, NVIDIA® GeForce® graphics, plenty of storage, plus an IR sensor and hidden vents that keep your PC running cool.



Keep it confidential

Keep your creations under wraps until you're ready to share with peace of mind features like an unhackable camera shutter, dedicated microphone mute button and fingerprint reader.



Make every pixel perfect

The bright, high definition 39.6 cm (15.6") diagonal, micro-edge display gives you more screen to showcase and share your creations with true-to-life color and precise detail.

Features



10th Generation Intel® Core™ processor

Take mobile gaming and content creation to the next-level with breakthrough performance. Let your connectivity flow with fast downloads and smooth streaming with optional Wi-Fi 6 and optional lighting fast Thunderbolt™ 3 support.^[1]



FHD IPS display

Enjoy crystal-clear images from any angle. With 178° wide-viewing angles and a vibrant 1920 x 1080 resolution, you'll always have a great view of your favorite content.^[2]



Anti-glare panel

Enjoy the sun and your favorite content with this anti-glare panel. Non-reflective and low gloss means you'll get less glare while you're outside.



Liberating battery life

Take on your day without worrying about recharging. With up to 10 hours of battery life, you can work, watch more, and spend more of your time totally untethered.^[3]



Effortlessly connected

Enjoy a smoother wireless experience with Wi-Fi 6 (2x2) and Bluetooth® 5.0 combo, all your connections are solid and up to 3x faster file transfer speeds than Wi-Fi 5.^[4]



HP Wide Vision HD Camera

The 88-degree, wide-angle field of view lets you video chat with the entire family or group of friends in crystal clear detail.^[5]

^[1] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance. Internet service required and not included. 4K content required to view full 4K images. Graphics output may be limited based on the maximum resolution of the display.

^[2] Full high-definition (FHD) content is required to view FHD images.

^[3] Battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See <https://bapco.com/products/mobilemark-2018/> for additional details.

^[4] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other Wi-Fi 6 devices. Only available in countries where 802.11ax is supported. Wi-Fi 6 (802.11ax) is not supported in Ukraine, Russia, and Indonesia where the Wi-Fi 6 (802.11ax) will be disabled and downgraded to 802.11ac by the Intel's DRS solution.

^[5] Features may require software or other 3rd party applications to provide the described functionality.

Specifications

Operating system	Windows 10 Home 64
Product color	Natural silver aluminum, polished chrome logo
Processor family	10th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-10300H (2.5 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) ^[6,7]
Chipset	Intel® HM470
Memory	16 GB DDR4-2933 SDRAM (2 x 8 GB)
Internal Storage	512 GB PCIe® NVMe™ M.2 SSD
Product design	Sandblasted finish
Optical drive	Optical drive not included
Display	39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 300 nits, 72% NTSC
Display size (diagonal)	39.6 cm (15.6")
Audio features	Audio by Bang & Olufsen; Dual speakers; HP Audio Boost 2.0
Minimum dimensions (W x D x H)	35.79 x 23.68 x 1.84 cm (Dimensions vary by configuration)
Weight	2.14 kg (Weight varies by configuration)
Keyboard	Full-size, backlit, cool gray keyboard
Pointing device	HP Imagepad with multi-touch gesture support; Precision Touchpad Support
Input devices	IR Thermal sensor
Webcam	HP Wide Vision 720p HD camera with camera shutter and integrated dual array digital microphones
Ports	2 SuperSpeed USB Type-C® 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 2.0a; 1 AC smart pin; 1 headphone/microphone combo ^[19]
Expansion slots	1 microSD media card reader
Package dimensions (W x D x H)	6.9 x 30.5 x 52 cm
Package weight	3.61 kg
Wireless	Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds) ^[11,12,13,16]
Power supply type	150 W Smart AC power adapter
Battery type	6-cell, 83 Wh Li-ion polymer
Battery life	Up to 10 hours and 45 minutes ^[3]

Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes ^[5]
Battery weight	310 g
Energy efficiency	ENERGY STAR® certified; EPEAT® Silver registered
Security management	All-in-One keyboard; Camera Shutter
Pre-installed software	ExpressVPN (30 day free trial); LastPass Premium (30 day free trial) ^[22]
Software included	McAfee LiveSafe™
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]
Cloud service	Dropbox ^[1]
UPC number	195122729998
Warranty	2 year limited parts, labour, and pickup and return service
Limited warranty coverage and exceptions	You can expand the warranty coverage of your product to reach up to 3 years in total; for more information go to the "Options and accessories" web section on hp.com product pages.

Additional specifications

Additional information about HP	http://www.hp.com
Battery capacity	83
Battery capacity uom	Wh
Battery cells number	6
Battery life video playback	Up to 15 hours and 45 minutes
Battery type	Li-ion polymer
Bluetooth version	Bluetooth® 5
Brightness	300 nits
Color gamut	72% NTSC
Datasheet photo 1	AHID/5fcb0b2ec3304df145b2c973001445516dfc58ec
Datasheet photo 2	AHID/a8f6951e633bfcd03b21634db21a64a275478468
Datasheet photo 3	AHID/3562fd7149d0608c1c799b4074c1639dd017805a
Datasheet photo 4	AHID/2192a1ed8e2a74aefe0c125ccf0d9aa044c61a87
Datasheet photo 5	Publication logos/pc-carepack-logo.jpg
Display bezel	micro-edge
Display brightness	300
Display brightness uom	nits
Display panel technology	IPS
Display resolution (pixels)	1920 x 1080
Display resolution standard	FHD
Display size (diagonal) uom	"
Display size (diagonal, imperial)	15.6
Display size (diagonal, metric)	39.6
Display size (diagonal, metric) uom	cm
Display surface treatment	anti-glare
ECC memory	No
Fingerprint reader	Fingerprint reader
Graphics	Discrete
Graphics (discrete)	NVIDIA® GeForce® GTX 1650 Ti (4 GB GDDR6 dedicated)
Graphics card brand	NVIDIA®
Graphics card family	GeForce®
Graphics card memory size	4
Graphics card memory size uom	GB

Graphics card memory type	GDDR6
HP apps	Adobe bundle; HP 3D DriveGuard; HP Audio Switch; HP Command Center; HP JumpStart; HP QuickDrop; HP Support Assistant
MDA key selling point	Windows 10 Home or other operating systems available
Memory and storage	16 GB memory; 512 GB SSD storage
Memory layout (slots & size)	2 x 8 GB
Memory module type	DIMM
Memory size	16
Memory size uom	GB
Memory speed	2933
Memory speed uom	MHz
Memory type	DDR4
Model Number	GTX 1660 Ti
Number of User-accessible Memory Slots	2
Number of memory slots	2
Package depth, imperial (extended size)	21.73
Package depth, imperial (most common size)	20.47
Package depth, metric (extended size)	55.2
Package depth, metric (most common size)	52
Package height, imperial (extended size)	12
Package height, imperial (most common size)	12
Package height, metric (extended size)	30.5
Package height, metric (most common size)	30.5
Package width, imperial (extended size)	2.71
Package width, imperial (most common size)	2.71
Package width, metric (extended size)	6.9
Package width, metric (most common size)	6.9
Packaging unit of measure (imperial)	in

Packaging unit of measure (metric)	cm
Processor Brand	Intel®
Processor base frequency	2.5
Processor base frequency uom	GHz
Processor cache	8 MB L3
Processor core	4
Processor family	Core™ i5
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	10th Generation
Processor maximum frequency	4.5
Processor maximum frequency uom	GHz
Processor model	10300H
Processor speed	2.5 GHz
Processor threads	8
Product brand name	HP
Product language options	#ABD
Service description	3-year pickup and return
Storage capacity 01	512
Storage capacity uom 01	GB
Storage form factor 01	M.2
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
Technology logo, print 3	Publication logos/EPEAT_silver_3C11.jpg
Technology logo, print 4	Publication logos/energy_star_logo.jpg
Technology logo, print 6	Publication logos/mcafee_logo_with_tag_new.jpg
Technology logo, print 7	Publication logos/Nvidia_Geforce_GTX_icon_new.jpg
Touchscreen	No
Wireless Model	Wi-Fi 6 AX201
Wireless antenna	2x2
Wireless standard	Wi-Fi 6
Wireless supplier	Intel®

[1] New Dropbox users are eligible to get 25 GB of Dropbox space free for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at <https://www.dropbox.com/help/space/hp-promotion>. Internet service required and not included.

[3] Windows 10 MobileMark 18 battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See <https://bapco.com/products/mobilemark-2018/> for additional details.

[5] Recharges your battery up to 50% within 45 minutes when the system is off (using "shut down" command). Recommended for use with the HP adapter provided with the notebook, not recommended with a smaller capacity battery charger. After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products. See <http://store.hp.com> for a full list of product features.

[6] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[11] Wi-Fi® supporting gigabit speeds is achievable when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160 MHz channels.

[12] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited.

[13] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other Wi-Fi 6 devices. Only available in countries where 802.11ax is supported.

[16] Wi-Fi 6 (802.11ax) is not supported in Ukraine, Russia, and Indonesia where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).

[19] For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.

[22] Reverting to LastPass basic after 30 days.

[24] Must activate within 180 days of Windows activation.

Accessories

Cases and Covers

★ : Recommended

Covers

HP 15.6 Sleeve	14V33AA ★
HP ENVY Urban 39.62 cm (15.6") Sleeve	3KJ70AA ★
HP 35.56 cm (14") Carry Sleeve Black/Silver	3XD34AA
HP 39.62 cm (15.6") Black/Blue Neoprene Sleeve	V5C31AA
HP 39.62 cm (15.6") Black/Red Neoprene Sleeve	V5C30AA
HP 39.62 cm (15.6") Carry Sleeve Black/Gold	3XD35AA
HP 39.62 cm (15.6") Carry Sleeve Black/Silver	3XD36AA
HP 39.62 cm (15.6") Neoprene Reversible Sleeve	2TX17AA
HP 39.62 cm (15.6") Neoprene Reversible Sleeve (Black/Gold)	2UF60AA
HP 39.62 cm (15.6") Neoprene Reversible Sleeve (Black/Silver)	2UF62AA
HP 43.94 cm (17.3") Carry Sleeve Black/Gold	3XD37AA
HP Envy Urban 15.6 Sleeve	7XG60AA
HP Lightweight 15.6 Laptop Sleeve	1G6D6AA
OMEN Transceptor 15 Sleeve	3J044AA

Backpacks

HP Renew 15 Grey Backpack	1A211AA ★	
HP 15.6 Odyssey Backpack	7XG61AA	
HP 15.6 Odyssey Backpack	7XG62AA	
HP 15.6 Odyssey Sport Backpack - Facets Grey	5WK93AA	
HP 15.6 Odyssey Sport Backpack - Facets White	5WK92AA	
HP 15.6 in Value Backpack	K0B39AA	
HP 15.6 in Value Topload Case	K0B38AA	
HP 17.3 in OMEN Gaming Backpack	K5Q03AA	
HP 39.62 cm (15.6") Active Backpack (Black/Mint Green)	1LU22AA	
HP 39.62 cm (15.6") Active Backpack (Grey/Neon Yellow)	1LU23AA	
HP 39.62 cm (15.6") Pavilion Accent Backpack Black/Gold	4QF96AA	
HP 39.62 cm (15.6") Pavilion Accent Backpack Black/Silver	4QF97AA	
HP 39.62 cm(15.6") Classic Backpack	1FK05AA	
HP Commuter Backpack (Black)	5EE91AA	
HP Commuter Backpack (Blue)	5EE92AA	obsolete

HP ENVY Urban 14 Sleeve	7XG59AA
HP ENVY Urban 15 Backpack	7XG56AA
HP ENVY Urban 15 Topload Black	7XG57AA
HP ENVY Urban 35.56 cm (14") Sleeve	3KJ71AA
HP ENVY Urban 39.62 cm (15.6") Backpack	3KJ72AA
HP ENVY Urban 39.62 cm (15.6") Briefcase	3KJ73AA
HP Lightweight 15.6 Laptop Backpack	1G6D3AA
HP Pavilion Gaming Backpack 400	6EU57AA
HP Pavilion Gaming Backpack 500	6EU58AA
HP Pavilion Tech Backpack	5EF00AA
HP Pavilion Wayfarer Backpack	5EE95AA
HP Renew 15 Navy Backpack	1A212AA
HP Spectre Folio Backpack	8GF06AA
OMEN Transceptor 15 Backpack	7MT84AA
OMEN Transceptor 15 Rolltop Backpack	7MT83AA
OMEN by HP Gaming Backpack	4YJ80AA

Cases

HP 15.6 SMB Topload Case	T0F83AA
HP 39.62 cm (15.6") Focus Topload	T9B50AA
HP 39.62 cm (15.6") SMB Backpack Case	T0F84AA
HP 39.62 cm (15.6") Signature Slim Topload Case	L6V68AA
HP 39.62 cm(15.6") Classic Briefcase	1FK07AA
HP 39.62 cm(15.6") Pavilion Accent Black/Gold	4QF94AA
HP 39.62 cm(15.6") Pavilion Accent Black/Silver	4QF95AA
HP 43.94 cm (17.3") Signature Slim Topload Case	T0E19AA
HP 43.94 cm (17.3") Value Topload Case	T0E18AA
HP ENVY Uptown Tote	5DW95AA
HP Lightweight 15.6 Laptop Bag	1G6D5AA
HP Renew 14 Grey Slim Briefcase	1A214AA
HP Renew 14 Navy Slim Briefcase	1A215AA
HP Renew 15 Grey Topload	1A213AA
HP Renew 15 Navy Topload	1A218AA
HP Spectre Folio Top Load	8GF07AA
OMEN Transceptor 17 Duffel Bag	7MT82AA

Keyboards/Mice and Input Devices

Mice

HP Pavilion Gaming Mouse Pad 400	5JH72AA ★	
HP Pavilion Gaming Mouse Pad 300	4PZ84AA ★	
HP Spectre Rechargeable Mouse 700 (Turbo Silver)	3NZ71AA ★	
HP ENVY Rechargeable Mouse 500	2LX92AA ★	
OMEN by HP Mouse Pad 300	1MY15AA ★	
HP Bluetooth Travel Mouse	6SP25AA	
HP Bluetooth® Mouse Z5000	2HW67AA	
HP Bluetooth® Mouse Z5000	E5C13AA	
HP Dual Mode Black Mouse 300	6CR71AA	
HP Elite Presenter Mouse	3YF38AA	
HP Pavilion Gaming Mouse 200	5JS07AA	
HP Pavilion Gaming Mouse 300	4PH30AA	
HP Spectre Rechargeable Mouse 700	4YH34AA	
HP Spectre Rechargeable Mouse 700 (Bordeaux Burgundy)	5VD59AA	
HP Spectre Rechargeable Mouse 700 (Luxe Cooper)	3NZ70AA	
HP Wired Mouse 100	6VY96AA	
HP Wired Mouse 1000	4QM14AA	
HP Wireless Mouse 200	X6W31AA	
HP Wireless Mouse 200 (Empress Red)	2HU82AA	
HP Wireless Mouse 200 (Pike Silver)	2HU84AA	
HP Wireless Mouse 200 (Silk Gold)	2HU83AA	
HP Wireless Mouse 220	3FV66AA	
HP Wireless Mouse 220 (Lumiere Blue)	7KX11AA	
HP Wireless Mouse 220 (Snow White)	7KX12AA	
HP Wireless Mouse 220 (Sunset Red)	7KX10AA	
HP Wireless Mouse 250	3FV67AA	
HP Wireless Mouse X200	6VY95AA	
HP Wireless Mouse Z3700	7UH85AA	
HP Wireless Mouse Z3700	7UH86AA	obsolete
HP Wireless Mouse Z3700	7UH88AA	
HP Wireless Mouse Z3700	7UH89AA	
HP Wireless Mouse Z3700 - White/Pink	4VY82AA	
HP Wireless Mouse Z4000	H5N61AA	

HP X1500 Mouse	H4K66AA	
HP X220 Backlit Gaming Mouse	8DX48AA	
HP X4500 Wireless (Metal Black) Mouse	H2W26AA	
HP X500 Wired Mouse	E5E76AA	
HP X900 Wired Mouse	V1S46AA	obsolete
HP Z3700 Black Wireless Mouse	VOL79AA	
HP Z3700 Blue Wireless Mouse	VOL81AA	
HP Z3700 Ceramic White Wireless Mouse	171D8AA	
HP Z3700 Forest Teal Wireless Mouse	171D9AA	
HP Z3700 Gold Wireless Mouse	X7Q43AA	
HP Z3700 Red Wireless Mouse	VOL82AA	
HP Z3700 Silver Wireless Mouse	X7Q44AA	
HP Z3700 White Wireless Mouse	VOL80AA	
HP Z5000 Dark Ash Silver Wireless Mouse	W2Q00AA	
OMEN Vector Essential Mouse	8BC52AA	
OMEN Vector Mouse	8BC53AA	
OMEN Vector Wireless Mouse	2B349AA	
OMEN by HP Mouse 400	3ML38AA	obsolete
OMEN by HP Mouse 600	1KF75AA	obsolete
OMEN by HP Photon Wireless Mouse	6CL96AA	
OMEN by HP Reactor Mouse	2VP02AA	
OMEN by HP Reactor Mouse	7ZF19AA	obsolete

Keyboard and Mouse Kits

HP Pavilion Wireless Keyboard and Mouse 800 (Black)	4CE99AA ★
HP C2710 Combo Keyboard	M7P30AA
HP Pavilion Keyboard and Mouse 200	9DF28AA
HP Pavilion Wired Keyboard and Mouse 400	4CE97AA
HP Pavilion Wireless Keyboard and Mouse 800	4CF00AA
HP Wired Combo C2500	H3C53AA
HP Wired Keyboard and Mouse 160	6HD76AA
HP Wireless Keyboard and Mouse 300	3ML04AA

Keyboards

HP Pavilion Wireless Keyboard 600 Black	4CE98AA ★
HP K1500 Keyboard	H3C52AA

HP K2500 Wireless Keyboard	E5E78AA	
HP Keyboard 100	2UN30AA	
HP Pavilion Gaming Keyboard 550	9LY71AA	
HP Pavilion Gaming Keyboard 800	5JS06AA	
HP Pavilion Wired Keyboard 300	4CE96AA	
HP Pavilion Wireless Keyboard 600 White	4CF02AA	
OMEN Spacer Wireless TKL Keyboard	9BU31AA	
OMEN by HP Encoder Keyboard	6YW75AA	
OMEN by HP Encoder Keyboard	6YW76AA	
OMEN by HP Keyboard 1100	1MY13AA	obsolete
OMEN by HP Sequencer Keyboard	2VN99AA	

Audio/Multimedia and Communication Devices

Headsets

HP Stereo Headset H2800 (Black w. Silk Gold)	2AP94AA ★	
HP Earbuds Black Headset 150	X7B04AA ★	
HP X1000 Wireless Gaming Headset	7HC43AA ★	
HP Bluetooth Headset 500	2J875AA	
HP In-Ear Headset 150 (Marine Blue)	2AP91AA	
HP Stereo Headset H2800 (White w. Pike Silver)	2AP95AA	
HP X1000 Wireless Gaming Headset	7HC42AA	
OMEN Blast Headset	1A858AA	
OMEN Frequency Wireless Headset	9FL60AA	obsolete
OMEN by HP Headset 800	1KF76AA	
OMEN by HP Mindframe Prime Headset	6MF35AA	
OMEN by HP Mindframe Prime Headset	6MF36AA	
Omen X by HP Mindframe Headset	3XT27AA	obsolete

Speakers

HP Black Bluetooth Speaker 350	2D802AA	
HP Blue Bluetooth Speaker 350	2D803AA	
HP Gaming Speakers X1000	8PB07AA	
HP Silver Bluetooth Speaker 350	2D804AA	

Headphones

OMEN Dyad Earbuds	8JE67AA	
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Docking and Port Replicators

Docking Stations

HP Thunderbolt Dock 120W with HDMI Adapter
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6HP48AA ★

Networking Products

Switches/Hubs/Routers/Converters/Repeaters

HP ENVY USB-C Hub

5LX63AA

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter

X1B84AA

Batteries/Chargers/Adapters

Power Adapters

HP Pavilion USB-C™ to HDMI 2.0 Adapter
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2PC54AA

Cables/Cable Kits/Cable Adapters

Cable Adapters

HP Spectre USB-C Travel Dock

2SR85AA

HP USB Type-C to RJ45 Adapter

V8Y76AA

HP USB-C to HDMI/ USB 3.0/ USB-C

1BG94AA

HP USB-C to USB-A Hub

Z8W90AA

obsolete

HP USB-C to VGA Display Adapter

P7Z54AA

PC Drives and Storage

PC DVD+RW Drives

HP USB External DVDRW Drive

F6V97AA

Monitors

HP Home Monitors

★ : Recommended

Pavilion Displays

HP Pavilion 27 Quantum Dot Display	5DQ99AA ★
HP Pavilion 32 QHD Display	4WH45AA ★

Application Software

★ : Recommended

Desktop Application Software

Microsoft Office 2016 Home and Business Software	X7Q47AA	obsolete
Microsoft Office 2016 Home and Student Software	X7Q46AA	obsolete

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