

# HP Laptop 15s-eq2013nu (43R60EA)



## Overview

### Power through your day

Stay connected to what matters most with long-lasting battery life and a thin micro-edge bezel design. Built to keep you productive and entertained from anywhere, the HP 15.6 inch Laptop features reliable performance and an expansive display, so you can stream, surf and speed through tasks.[1]



### View more, carry less

Thin, light, and designed to travel. See more of your photos, videos and projects on a 6.5 mm micro-edge bezel display.



### Go longer, faster

Long-lasting battery life and HP Fast Charge technology lets you work, watch, and stay connected all day. Integrated precision touchpad with multi-touch support speeds up navigation and productivity.



### Reliable performance

Tackle your busiest days with the performance of a reliable processor. Save more of what you love with abundant storage for all your photos, videos and documents.



### Fingerprint reader

Seamlessly and securely log into your device with the touch of your finger.

# Features

## AMD Ryzen™ 5000 U Series Mobile Processors

If juggling video conferences, web browsing, building spreadsheets, and creating presentations is the norm, then AMD Ryzen™ 5000 Series Mobile Processor-powered devices are built with you in mind.

## Full HD display

Sit back and enjoy crystal-clear visuals and images with the vibrant quality of 2 million pixels. The 1920 x 1080 resolution gives all your digital content a new dimension.<sup>[2]</sup>

## 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.

## PCIe SSD storage

Boot up in seconds with lightning fast speed with up to 512 GB PCIe SSD storage.

## Wi-Fi 5 (1x1) & Bluetooth® 4.2 (802.11a/b/g/n/ac)

Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology.<sup>[3]</sup>



## MU-MIMO supported

If you have several MU-MIMO devices in your home, MU-MIMO support works in combination with a MU-MIMO router to maximize network traffic for a smoother online experience.

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[1] Internet service required and not included.

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

[3] Wireless access point and Internet service required. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the laptop to communicate with other 802.11ac WLAN devices. Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11ac) is backwards compatible with prior Wi-Fi 5 specs.

## Specifications

<b>Operating system</b>	FreeDOS
<b>Product color</b>	Indigo blue
<b>Processor family</b>	AMD Ryzen™ 5 processor
<b>Processor</b>	AMD Ryzen™ 5 5500U (up to 4.0 GHz max boost clock, 8 MB L3 cache, 6 cores) <sup>[6,7]</sup>
<b>Chipset</b>	AMD Integrated SoC
<b>Memory</b>	8 GB DDR4-3200 MHz RAM (1 x 8 GB)
<b>Internal Storage</b>	512 GB PCIe® NVMe™ M.2 SSD
<b>Product design</b>	Mesh knit pattern with texture finish
<b>Optical drive</b>	Optical drive not included
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	AMD Radeon™ Graphics
<b>Display</b>	39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 250 nits, 45% NTSC
<b>Display</b>	15.6" diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 250 nits, 45% NTSC
<b>Display size (diagonal)</b>	39.6 cm (15.6")
<b>Display size (diagonal)</b>	15.6"
<b>Audio features</b>	Dual speakers
<b>Minimum dimensions (W x D x H)</b>	35.85 x 24.2 x 1.79 cm <i>(Dimensions vary by configuration)</i>
<b>Minimum dimensions (W x D x H)</b>	14.11 x 9.53 x 0.71 in
<b>Weight</b>	1.69 kg <i>(Weight varies by configuration)</i>
<b>Weight</b>	3.75 lb
<b>Keyboard</b>	Full-size, jet black keyboard with numeric keypad
<b>Pointing device</b>	HP Imagepad with multi-touch gesture support; Precision Touchpad Support
<b>Webcam</b>	HP True Vision 720p HD camera with integrated dual array digital microphones
<b>Ports</b>	1 SuperSpeed USB Type-C® 5Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 1.4b; 1 AC smart pin; 1 headphone/microphone combo
<b>Expansion slots</b>	1 multi-format SD media card reader
<b>Package dimensions (W x D x H)</b>	6.9 x 30.5 x 52 cm
<b>Package weight</b>	2.21 kg

**Wireless**

Realtek RTL8821CE-M 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 combo

**Power supply type**

45 W Smart AC power adapter

**Battery type**

3-cell, 41 Wh Li-ion

**Battery life**Up to 9 hours and 30 minutes<sup>[3]</sup>**Battery recharge time**Supports battery fast charge: approximately 50% in 45 minutes<sup>[5]</sup>**Battery weight**

0.46 lb

**Battery weight**

210 g

## Additional specifications

<b>Battery capacity</b>	41
<b>Battery capacity uom</b>	Wh
<b>Battery cells number</b>	3
<b>Battery life</b>	Long Life
<b>Battery life video playback</b>	Up to 9 hours
<b>Battery type</b>	Li-ion
<b>Bluetooth version</b>	Bluetooth® 4.2
<b>Brightness</b>	250 nits
<b>Color</b>	Indigo blue
<b>Color gamut</b>	45% NTSC
<b>Display</b>	39.6 cm (15.6") diagonal FHD display
<b>Display</b>	15.6" diagonal FHD display
<b>Display bezel</b>	micro-edge
<b>Display brightness</b>	250
<b>Display brightness uom</b>	nits
<b>Display panel technology</b>	IPS
<b>Display resolution (pixels)</b>	1920 x 1080
<b>Display resolution standard</b>	FHD
<b>Display size (diagonal) uom</b>	"
<b>Display size (diagonal, imperial)</b>	15.6
<b>Display size (diagonal, metric)</b>	39.6
<b>Display size (diagonal, metric) uom</b>	cm
<b>Display surface treatment</b>	anti-glare
<b>ECC memory</b>	No
<b>Fingerprint reader</b>	Fingerprint reader not available
<b>MDA key selling point</b>	Windows 10 Home or other operating systems available
<b>Memory and storage</b>	8 GB memory; 512 GB SSD storage
<b>Memory layout (slots &amp; size)</b>	1 x 8 GB
<b>Memory module type</b>	DIMM
<b>Memory size</b>	8
<b>Memory size uom</b>	GB
<b>Memory speed</b>	3200
<b>Memory speed uom</b>	MHz

<b>Memory type</b>	DDR4
<b>Number of User-accessible Memory Slots</b>	0
<b>Number of memory slots</b>	1
<b>Package depth, imperial (most common size)</b>	20.47
<b>Package depth, imperial (smallest possible size)</b>	19.01
<b>Package depth, metric (most common size)</b>	52
<b>Package depth, metric (smallest possible size)</b>	48.3
<b>Package dimensions (W x D x H)</b>	2.72 x 12 x 20.47 in
<b>Package height, imperial (most common size)</b>	12
<b>Package height, imperial (smallest possible size)</b>	12
<b>Package height, metric (most common size)</b>	30.5
<b>Package height, metric (smallest possible size)</b>	30.5
<b>Package weight</b>	4.87 lb
<b>Package width, imperial (most common size)</b>	2.71
<b>Package width, imperial (smallest possible size)</b>	2.71
<b>Package width, metric (most common size)</b>	6.9
<b>Package width, metric (smallest possible size)</b>	6.9
<b>Packaging unit of measure (imperial)</b>	in
<b>Packaging unit of measure (metric)</b>	cm
<b>Processor Brand</b>	AMD
<b>Processor cache</b>	8 MB L3
<b>Processor core</b>	6
<b>Processor family</b>	Ryzen™ 5
<b>Processor maximum frequency</b>	4.0
<b>Processor maximum frequency uom</b>	GHz
<b>Processor model</b>	5500U

<b>Processor threads</b>	12
<b>Product brand name</b>	HP
<b>Storage capacity 01</b>	512
<b>Storage capacity uom 01</b>	GB
<b>Storage form factor 01</b>	M.2
<b>Storage interface 01</b>	PCIe®
<b>Storage interface protocol 01</b>	NVMe™
<b>Storage type</b>	SSD
<b>Storage type 01</b>	SSD
<b>Touchscreen</b>	No
<b>Wireless Model</b>	RTL8821CE-M
<b>Wireless antenna</b>	1x1
<b>Wireless standard</b>	802.11a/b/g/n/ac
<b>Wireless supplier</b>	Realtek

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[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. AMD's numbering is not a measurement of clock speed.

[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

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## Accessories

### Cases and Covers

★ : Recommended

#### Backpacks

HP 15.6 in Value Backpack	KOB39AA ★
HP 15.6 in Value Topload Case	KOB38AA ★
HP 15.6 Classic Backpack	1FK05AA
HP 15.6 Duotone Backpack	4QF96AA
HP 15.6 Duotone Backpack	4QF97AA
HP 15.6 Signature II Backpack	3K006AA
HP 15.6 in Black Odyssey Backpack	L8J88AA
HP 15.6 in Green/Gray Odyssey Backpack	L8J89AA
HP 15.6 in Value Backpack	4WH53AA
HP 17.3 in OMEN Gaming Backpack	K5Q03AA
HP Active Backpack	1LU22AA
HP Active Backpack	1LU23AA
HP Commuter Backpack	5EE91AA
HP Commuter Backpack	5EE92AA
HP ENVY Urban 15 Backpack	3KJ72AA
HP ENVY Urban 15 Backpack	7XG56AA
HP ENVY Urban 15 Briefcase	3KJ73AA
HP ENVY Urban 15.6 Briefcase	7XG57AA
HP Lightweight 15.6 Blue/Gray Backpack	18H48AA
HP Lightweight 15.6 Laptop Backpack	1G6D3AA
HP Pavilion Gaming Backpack 300	6EU56AA
HP Pavilion Gaming Backpack 400	6EU57AA
HP Pavilion Gaming Backpack 500	6EU58AA
HP Pavilion Tech Backpack	5EE99AA
HP Prelude 15.6-inch Backpack	2Z8P3AA
HP Renew Backpack	1A211AA
HP Renew Backpack	1A212AA
HP Renew Travel 15.6-inch Backpack	2Z8A3AA
HP Spectre Folio Backpack	8GF06AA
OMEN Transceptor 15 Backpack	7MT84AA



OMEN Transceptor 15 Rolltop Backpack	7MT83AA
OMEN by HP Gaming Backpack	4YJ80AA

## Covers

HP 15 Reversible Protective Sleeve	6UY96AA
HP 15 Reversible Protective Sleeve	7KX13AA
HP 15 Reversible Protective Sleeve	7KX15AA
HP 15 Reversible Protective Sleeve	7KX16AA
HP 15.6 Black/Red Neoprene Sleeve	V5C30AA
HP 15.6 Neoprene Sleeve	V5C31AA
HP 15.6 Sleeve	14V33AA
HP 15.6-inch Standard Black Sleeve	H4P40AA
HP Carry Sleeve 15	1PD64AA
HP Carry Sleeve 15	3XD36AA
HP Carry Sleeve 15	9GF67AA
HP Envy Urban 15.6 Sleeve	3KJ70AA
HP Envy Urban 15.6 Sleeve	7XG60AA
HP Lightweight 15.6 Laptop Sleeve	1G6D6AA
HP Reversible Neoprene Sleeve	2TX17AA
HP Reversible Neoprene Sleeve	2UF60AA
HP Reversible Neoprene Sleeve	2UF62AA
HP Reversible Protective 15.6-inch Blue Laptop Sleeve	2F1X7AA
HP Reversible Protective 15.6-inch Geo Laptop Sleeve	2F2L0AA
HP Reversible Protective 15.6-inch Gold Laptop Sleeve	2F2K6AA
HP Reversible Protective 15.6-inch Mauve Laptop Sleeve	2F1W8AA
HP Reversible Protective 15.6-inch Silver Laptop Sleeve	2F2K5AA
OMEN Transceptor 15 Sleeve	3J044AA

## Cases

HP 15.6 Duotone Briefcase	4QF94AA
HP 15.6 Duotone Briefcase	4QF95AA
HP 15.6 SMB Backpack Case	TOF84AA
HP 15.6 SMB Topload Case	TOF83AA
HP 15.6 Signature Slim Topload Case	L6V68AA
HP 15.6 Value Black Topload	T9B50AA
HP 17.3 Signature Slim Topload Case	TOE19AA

HP 17.3 Value Topload Case	TOE18AA
HP Classic Briefcase	1FK07AA
HP Lightweight 15.6 Laptop Bag	1G6D5AA
HP Renew Topload	1A213AA
HP Renew Topload	1A218AA
HP Spectre Folio Top Load	8GF07AA
OMEN Transceptor 17 Duffel Bag	7MT82AA

## Keyboards/Mice and Input Devices

### Keyboard and Mouse Kits

HP Pavilion Wireless Keyboard and Mouse 800	<b>4CE99AA ★</b>
HP Pavilion Keyboard and Mouse 200	<b>9DF28AA ★</b>
HP Wired Keyboard and Mouse 160	<b>6HD76AA ★</b>
HP 150 Wired Mouse and Keyboard	240J7AA
HP 230 Wireless Mouse and Keyboard Combo	18H24AA
HP C2500 Desktop	H3C53AA
HP C2500 Desktop	J8F15AA
HP C2600 Keyboard and Mouse Combo	J2X04AA
HP C2710 Combo Keyboard	M7P30AA
HP C6020 Wireless Desktop	P1F56AA
HP Pavilion Wired Keyboard and Mouse 400	4CE97AA
HP Pavilion Wireless Keyboard and Mouse 800	4CF00AA
HP Wireless Classic v2 Desktop	V4L73AA
HP Wireless Elite v2 Desktop Keyboard (USB Wireless Nano Receiver with Mouse)	QB355AA
HP Wireless Keyboard and Mouse 250	6JU16AA
HP Wireless Keyboard and Mouse 300	3ML04AA

### Mice

HP Wireless Mouse 220	<b>3FV66AA ★</b>
HP Wireless Mouse 200	<b>X6W31AA ★</b>
HP 150 Wired Mouse	240J6AA
HP Bluetooth Travel Mouse	6SP25AA
HP Bluetooth® Mouse 250	6CR73AA
HP Bluetooth® Mouse Z5000	2HW67AA
HP Dual Mode Mouse	6CR71AA

HP ENVY Rechargeable Mouse 500	2LX92AA
HP Elite Presenter Mouse	3YF38AA
HP Pavilion Gaming Mouse 200	5JS07AA
HP Pavilion Gaming Mouse 300	4PH30AA
HP Pavilion Gaming Mouse 300	4PH31AA
HP Silver 930 Creator Wireless Mouse	1D0K9AA
HP Spectre Rechargeable Mouse 700	3NZ70AA
HP Spectre Rechargeable Mouse 700	3NZ71AA
HP Spectre Rechargeable Mouse 700	4YH34AA
HP Wired Mouse 100	6VY96AA
HP Wired Mouse 1000	4QM14AA
HP Wireless Mouse 200	2HU82AA
HP Wireless Mouse 200	2HU83AA
HP Wireless Mouse 200	2HU84AA
HP Wireless Mouse 200	2HU85AA
HP Wireless Mouse 200	2VY31AA
HP Wireless Mouse 220	258A1AA
HP Wireless Mouse 220	7KX10AA
HP Wireless Mouse 220	7KX11AA
HP Wireless Mouse 220	7KX12AA
HP Wireless Mouse 220 with Pouch	6JA61AA
HP Wireless Mouse 220 with Pouch	6JA62AA
HP Wireless Mouse 250	3FV67AA
HP Wireless Mouse X200	6VY95AA
HP Wireless Mouse Z3700	4VY82AA
HP Wireless Mouse Z3700	7UH87AA
HP Wireless Mouse Z3700	7UH88AA
HP Wireless Mouse Z4000	H5N61AA
HP Wireless Silent 280M Mouse	19U64AA
HP X1000 Mouse	H2C21AA
HP X1500 Mouse	H4K66AA
HP X220 Backlit Gaming Mouse	8DX48AA
HP X3000 G2 Wireless Mouse	28Y30AA
HP X3000 G2 Wireless Mouse	2C3M3AA
HP X3000 Wireless Mouse	H2C22AA
HP X4500 Wireless (Black) Mouse	H2W16AA

HP X500 Wired Mouse	E5C12AA
HP X500 Wired Mouse	E5E76AA
HP Z3200 Black Wireless Mouse	JOE44AA
HP Z3200 White Wireless Mouse	E5J19AA
HP Z3700 Black Wireless Mouse	26V63AA
HP Z3700 Black Wireless Mouse	VOL79AA
HP Z3700 Blue Wireless Mouse	VOL81AA
HP Z3700 Camo Wireless Mouse	171D7AA
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 Bluetooth Mouse	E5C13AA
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 600	1KF75AA
OMEN by HP Photon Wireless Mouse	6CL96AA
OMEN by HP Reactor Mouse	2VP02AA

## Keyboards

HP Dual Mode Keyboard 1000	18J71AA
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	4CE98AA
HP Pavilion Wireless Keyboard 600	4CF02AA
HP Wireless Elite v2 Keyboard	QB467AA
OMEN Spacer Wireless TKL Keyboard	9BU31AA
OMEN by HP Encoder Keyboard	6YW75AA

OMEN by HP Encoder Keyboard	6YW76AA
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OMEN by HP Sequencer Keyboard	2VN99AA
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## Batteries/Chargers/Adapters

### AC Adapters

HP Travel Power Adapter 65W	X7W51AA ★
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HP 65W 4.5mm Non-EM AC Adapter	Y5Y43AA
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HP 65W Slim with USB AC Adapter	G6H47AA
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## Audio/Multimedia and Communication Devices

### Speakers

HP Black Bluetooth Speaker 350	2D802AA
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HP Black Bluetooth Speaker 360	2D799AA
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HP Blue Bluetooth Speaker 350	2D803AA
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HP Blue Bluetooth Speaker 360	2D800AA
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HP Gaming Speakers X1000	8PB07AA
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HP Silver Bluetooth Speaker 350	2D804AA
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HP Silver Bluetooth Speaker 360	2D801AA
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### Headsets

HP Bluetooth Headset 400	2ZW81AA
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HP Bluetooth Headset 500	2J875AA
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HP Boom Mic Headset 150	2EM62AA
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HP Earbuds Black Headset 150	X7B04AA
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HP H2800 Black Headset	J8F10AA
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HP In-Ear Headphone 100	1KF54AA
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HP In-Ear Headset 150	2AP91AA
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HP Pavilion Gaming Headset 400	4BX31AA
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HP Pavilion Gaming Headset 600	4BX33AA
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HP Stereo Headset H2800	2AP94AA
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HP Stereo Headset H2800	2AP95AA
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HP X1000 Wireless Gaming Headset	7HC43AA
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OMEN Blast Headset	1A858AA
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OMEN by HP Headset 800	1KF76AA
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OMEN by HP Mindframe Prime Headset	6MF35AA
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OMEN by HP Mindframe Prime Headset	6MF36AA
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Omen X by HP Mindframe Headset	3XT27AA
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## Headphones

HP Wireless Earbuds G2	169H9AA
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OMEN Dyad Earbuds	8JE67AA
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## Graphics Cards

### Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter	X1B84AA
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## PC Drives and Storage

### PC DVD+RW Drives

HP USB External DVDRW Drive	F6V97AA
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## Cables/Cable Kits/Cable Adapters

### Cable Adapters

HP USB Type-C to RJ45 Adapter	V8Y76AA
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HP USB-C to USB-A Hub	Z8W90AA
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## Docking and Port Replicators

### Docking Stations

HP USB-C Dock	YOK80AA
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