



# HP ZBook Firefly 14 G8 Mobile Workstation (513U6PA)

## Overview



**ZBook performance, more mobile than ever.**

Our smallest and lightest ZBook ever provides true mobility for people who push the typical business PC past its breaking point. In the field or at home, with pro-level performance and a color-accurate DreamColor display, you have everything you need to review work and manage projects from anywhere.

### **Manage it on the move**

At less than 5lbs[1] our most mobile ZBook is made to move. With 3X faster Wi-Fi®[2] and better battery life[4], you're equipped for days offsite.

### **Color accuracy to match the highest standards**

Enjoy beautiful visuals even in direct light with a super-bright display. Images are more detailed and require less panning and zooming[7]. All this in a modern, slim-bezel design that maximizes your viewing area.

### **Pro-level performance. To go.**

Say goodbye to slowdowns and power through projects and heavy workloads with the latest Intel® Core™ processors and NVIDIA® T500 graphics, certified for pro apps. Open large files and run apps simultaneously for speedy multitasking and productivity.

# Features

## Windows 10 Pro 64

Work without compromising on performance or security with Windows 10 Pro, powered by HP's collaboration and connectivity technology.

## Intel® Core™ i5 processor

Experience powerful performance and seamless computing for your everyday tasks and higher performance needs with the Intel® Core™ i5 processor.<sup>[3]</sup>

## 14" (35.56 cm) Diagonal FHD Display

Get clear and sharp visuals in full high definition. Comfortably work without reflections on an anti-glare screen.

## HP Z Turbo Drive High-speed Storage

Work without limits in any location with local PCIe storage that's up to 6x faster than SATA SSD, and up to 21x faster than traditional HDD storage.<sup>[5]</sup>

## HP Fast Charge

Ultra-fast recharge takes you from zero to 50% charge in just 30 minutes.<sup>[6]</sup>

## Spill-resistant Keyboard

Accidents happen - which is why we designed our keyboard with a drain hole, so minor spills flow out the bottom for easy cleanup.

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[1] Weight will vary by configuration.

[2] Based on Wi-Fi 5 80MHz and Wi-Fi 6 160MHz minimum requirements when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 802.11ax (Wi-Fi 6). Only available in countries where 802.11ax is supported. Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 (802.11ax) 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 802.11ax devices.

[4] When compared to HP ZBook 14u G6.

[7] When compared to standard FHD displays.

[3] Multicore 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.

[5] For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB (for Windows 10) of system disk is reserved for system recovery software.

[6] Recharges the battery up to 50% within 30 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.

## Specifications

<b>Operating system</b>	Windows 10 Pro 64
<b>Processor family</b>	11th Generation Intel® Core™ i5 processor
<b>Processor</b>	Intel® Core™ i5-1135G7 (up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores)
<b>Chipset</b>	Intel® Integrated SoC
<b>Memory</b>	16 GB DDR4-3200 MHz RAM (1 x 16 GB)
<b>Memory Slots</b>	2 SODIMM, supports dual channel (integrated graphics configurations), Memory soldered down, supports dual channel (discrete graphics configurations)
<b>Internal Storage</b>	256 GB PCIe® NVMe™ M.2 SSD
<b>Optical drive</b>	Not included
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® Iris® Xe Graphics
<b>Display</b>	35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, anti-glare, 500 nits, 100% DCI-P3, HP DreamColor
<b>Display</b>	14" diagonal, FHD (1920 x 1080), IPS, anti-glare, 500 nits, 100% DCI-P3, HP DreamColor <sup>[11,33,36,37]</sup>
<b>Display size (diagonal)</b>	35.6 cm (14")
<b>Display size (diagonal)</b>	14"
<b>Audio</b>	Audio by Bang & Olufsen, dual stereo speakers, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio
<b>Minimum dimensions (W x D x H)</b>	32.3 x 21.46 x 1.79 cm
<b>Minimum dimensions (W x D x H)</b>	12.73 x 8.45 x 0.71 in
<b>Weight</b>	Starting at 1.35 kg <i>(Weight varies by configuration and components.)</i>
<b>Weight</b>	Starting at 2.98 lb <i>(Weight varies by configuration and components.)</i>
<b>Keyboard</b>	HP Premium Quiet Keyboard – spill-resistant, full-size, backlit keyboard with programmable key
<b>Pointing device</b>	Clickpad with multi-touch gesture support
<b>Camera</b>	720p HD IR privacy camera with integrated dual array microphones
<b>Ports</b>	1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging)
<b>Ports</b>	1 power connector; 1 HDMI 1.4b; 2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge)
<b>Wireless</b>	Intel® Wi-Fi CERTIFIED 6™ AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)

<b>Power</b>	65 W USB Type-C™ adapter
<b>Battery type</b>	HP Long Life 3-cell, 53 Wh Li-ion polymer
<b>Battery recharge time</b>	Supports battery fast charge: approximately 50% in 30 minutes
<b>Sustainable impact specifications</b>	Ocean-bound plastic in speaker enclosure; 40% post-consumer recycled plastic; External power supply 90% efficiency; Low Halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable
<b>Security management</b>	HP Sure Click; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Admin; HP Sure View Reflect; HP Tamper Lock; MS Bitlocker Encryption; HP Proactive Security; HP Image Assistant Gen4.6; HP TPM Configuration Utility; HP Sure Run Gen4; HP Client Security Manager Gen7; HP Sure Recover Gen4 with Embedded Reimaging; Secured-core PC capable <sup>[24,25,31,32,34,38,40,42,43,44,45]</sup>
<b>Software included</b>	Bing search for IE11; Buy Office; CyberLink Power Media Player; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Support Assistant; Native Miracast support; HP Connection Optimizer; HP ZCentral Remote Boost Software; myHP; HP QuickDrop <sup>[18,19,20,22,23,26,55]</sup>

## Additional specifications

<b>Battery brand</b>	HP
<b>Battery capacity</b>	53
<b>Battery capacity uom</b>	Wh
<b>Battery cells number</b>	3
<b>Battery life</b>	Long Life
<b>Battery type</b>	Li-ion polymer
<b>Bluetooth version</b>	Bluetooth® 5.0
<b>Camera Infrared</b>	IR
<b>Camera resolution (vertical)</b>	720p
<b>Camera resolution standard</b>	HD
<b>Color gamut</b>	100% DCI-P3
<b>Display</b>	35.6 cm (14") diagonal FHD display
<b>Display</b>	14" diagonal FHD display
<b>Display brightness</b>	500
<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>	14.0
<b>Display size (diagonal, metric)</b>	35.6
<b>Display size (diagonal, metric) uom</b>	cm
<b>Display surface treatment</b>	anti-glare
<b>Display technology</b>	HP DreamColor
<b>ECC memory</b>	non-ECC
<b>Graphic card footnote number</b>	[12,32]
<b>I/O Port location</b>	Right side
<b>I/O Port location</b>	Left side
<b>Keyboard backlight</b>	backlit
<b>Keyboard features</b>	Spill-resistant
<b>Keyboard name</b>	HP Premium Quiet Keyboard
<b>Keyboard size</b>	Full-size
<b>Legal tagline</b>	HP recommends Windows 10 Pro for business

<b>MDA key selling point</b>	Windows 10 Pro or other operating systems available
<b>Memory and storage</b>	16 GB memory; 256 GB SSD storage
<b>Memory layout (slots &amp; size)</b>	1 x 16 GB
<b>Memory module type</b>	DIMM
<b>Memory size</b>	16
<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 memory slots</b>	1
<b>Processor Brand</b>	Intel®
<b>Processor cache</b>	8 MB L3
<b>Processor core</b>	4
<b>Processor family</b>	Core™ i5
<b>Processor frequency technology</b>	Intel® Turbo Boost Technology
<b>Processor generation</b>	11th Generation
<b>Processor maximum frequency</b>	4.2
<b>Processor maximum frequency uom</b>	GHz
<b>Processor model</b>	1135G7
<b>Processor threads</b>	8
<b>Product long name specifications</b>	HP ZBook Firefly 14 G8 Mobile Workstation, 14.0", Windows 10 Pro 64, Intel® Core™ i5, 16GB RAM, 256GB SSD, FHD
<b>Standard memory note</b>	Transfer rates up to 3200 MT/s.
<b>Storage capacity 01</b>	256
<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>UNSPSC code</b>	43211503
<b>Wireless Model</b>	Wi-Fi 6 AX201
<b>Wireless antenna</b>	2x2
<b>Wireless standard</b>	Wi-Fi 6
<b>Wireless supplier</b>	Intel®

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[11] HP DreamColor Panel available in the Q2 2021 timeframe.

[18] HP Support Assistant - Requires Windows and Internet Access.

[19] HP ZCentral Remote Boost does not come preinstalled on Z Workstations but can be downloaded and run on all Z desktop and laptops without license purchase. With non-Z sender devices, purchase of perpetual individual license or perpetual floating license per simultaneously executing versions and purchase of ZCentral Remote Boost Software Support is required. RGS requires Windows, RHEL (7 or 8), UBUNTU 18.04 LTS, or HP ThinPro 7 operating systems. MacOS (10.13 or newer) operating system is only supported on the receiver side. Requires network access. The software is available for download at [hp.com/ZCentralRemoteBoost](http://hp.com/ZCentralRemoteBoost).

[20] Web-only Support

[22] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: <http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast>.

[23] HP Performance Advisor Software. Learn more or download at: <https://www8.hp.com/us/en/workstations/performance-advisor.html>

[24] HP BIOSphere Gen6 requires Windows 10 and is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.

[25] HP Sure Admin requires Windows 10, HP BIOS, HP Manageability Integration Kit from <http://www.hp.com/go/clientmanagement> and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

[26] HP Connection Optimizer requires Windows 10.

[31] HP Sure Run Gen4 is available on select HP PCs and requires Windows 10.

[32] Secured-core PC requires an Intel® vPro® or AMD Ryzen™ Pro processor. Requires 8 GB or more system memory. Secured-core PC functionality can be enabled from the factory.

[33] HP Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

[34] HP Sure Sense requires Windows 10 Pro or Enterprise and supports Microsoft Internet Explorer, Google Chrome™, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.

[36] Sold separately or as an optional feature.

[37] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[38] HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.

[40] For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

[42] HHP Sure Recover Gen4 with Embedded Reimaging is an optional feature which requires Windows 10 must be configured at purchase. You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Network based recovery using Wi-Fi is only available on PCs with Intel Wi-Fi Module.

[43] HP Tamper Lock is an optional feature that must be configured at the factory and requires a supervisor password be established prior to use.

[44] HP Client Security Manager Gen7 requires Windows and is available on the select HP Elite and Pro PCs.

[45] HP Sure Start Gen6 is available on select HP PCs and requires Windows 10.

[55] HP Quick Drop requires Internet access and Windows 10 PC preinstalled with HP QuickDrop app and either an Android device (phone or tablet) running Android 7 or higher with the Android HP QuickDrop app, and /or an iOS device (phone or tablet) running iOS 12 or higher with the iOS HP QuickDrop app.





## Accessories

### Batteries/Chargers/Adapters

★ : Recommended

#### AC Adapters

HP 45W Smart AC Adapter	<b>H6Y88AA ★</b>
HP 45W Smart AC Adapter	H6Y88UT
HP 65W Slim AC Adapter	H6Y82AA
HP 65W Slim AC Adapter	H6Y82UT
HP 65W Smart AC Adapter	H6Y89AA
HP 65W Smart AC Adapter	H6Y89UT
HP 65W USB-C LC Power Adapter	1P3K6AA
HP 65W USB-C LC Power Adapter	1P3K6UT
HP 65W USB-C Slim Travel Power Adapter	3PN48AA
HP 65W USB-C Slim Travel Power Adapter	3PN48UT
HP USB-C Travel Power Adapter 65W	X7W50AA

#### Power Adapters

HP 65W USB-C Power Adapter	1HE08AA
HP 65W USB-C Power Adapter	1HE08UT
HP Pavilion USB-C to HDMI 2.0 Adapter	2PC54AA

#### Power Packs

HP Notebook Power Bank	N9F71AA
HP Notebook Power Bank	N9F71UT
HP USB-C Essential Power Bank	3TB55AA
HP USB-C Essential Power Bank	3TB55UT

### Keyboards/Mice and Input Devices

#### Keyboard and Mouse Kits

HP Slim Wireless Keyboard and Mouse	<b>T6L04AA ★</b>
HP 225 Wired Mouse and Keyboard Combo	286J4AA
HP 225 Wired Mouse and Keyboard Combo	286J4UT
HP 235 Wireless Mouse and Keyboard Combo	1Y4D0AA
HP 235 Wireless Mouse and Keyboard Combo	1Y4D0UT

HP Slim USB Keyboard and Mouse	T6T83AA
HP Slim Wireless Keyboard and Mouse	T6L04UT
HP USB Essential Keyboard and Mouse	H6L29AA
HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
HP Wired Desktop 320MK Mouse and Keyboard	9SR36ET
HP Wired Desktop 320MK Mouse and Keyboard	9SR36UT
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165AA
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165UT

## Mice

HP Bluetooth Travel Mouse	<b>6SP30AA ★</b>
HP Elite Presenter Mouse	<b>2CE30AA ★</b>
HP 125 Wired Mouse	265A9AA
HP 128 Laser Wired Mouse	265D9AA
HP 128 Laser Wired Mouse	265D9UT
HP 3-button USB Laser Mouse	H4B81AA
HP 3-button USB Laser Mouse	H4B81ET
HP 635 Multi-Device Wireless Mouse	1D0K2AA
HP 635 Multi-Device Wireless Mouse	1D0K2UT
HP 935 Creator Wireless Mouse	1D0K8AA
HP 935 Creator Wireless Mouse	1D0K8UT
HP Bluetooth Travel Mouse	6SP30UT
HP Comfort Grip Wireless Mouse	H2L63AA
HP Comfort Grip Wireless Mouse	H2L63UT
HP Elite Presenter Mouse	2CE30ET
HP Elite Presenter Mouse	2CE30UT
HP Essential USB Mouse	2TX37AA
HP USB Premium Mouse	1JR32AA
HP Ultra Mobile Wireless Mouse	H6F25AA
HP Ultra Mobile Wireless Mouse	H6F25UT
HP Wired Desktop 320M Mouse	9VA80AA
HP Wired Desktop 320M Mouse	9VA80ET
HP Wired Desktop 320M Mouse	9VA80UT
HP Wireless Premium Mouse	1JR31AA
HP Wireless Premium Mouse	1JR31UT
HP X4000b Bluetooth Mouse	H3T50AA

USB Travel Mouse	G1K28AA
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USB Travel Mouse	G1K28ET
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## Keyboards

HP 125 Wired Keyboard	266C9AA
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HP 125 Wired Keyboard	266C9UT
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HP Wired Desktop 320K Keyboard	9SR37AA
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HP Wired Desktop 320K Keyboard	9SR37ET
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HP Wired Desktop 320K Keyboard	9SR37UT
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HP Wireless (Link-5) Keyboard	T6U20AA
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HP Wireless (Link-5) Keyboard	T6U20UT
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## Security and Protection

### PC Locks

HP Sure Key Cable Lock	6UW42AA ★
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HP Nano Keyed Cable Lock	1AJ39AA ★
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HP Nano Keyed Cable Lock	1AJ39UT
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HP Nano Master Keyed Cable Lock	1AJ40AA
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HP Nano Master Keyed Cable Lock	1AJ40UT
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HP Sure Key Cable Lock	6UW42UT
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### Privacy Filter

HP 14-in Privacy Filter	J6E65AA
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## Docking and Port Replicators

### Docking Stations

HP USB-C Dock G5	26D32AA ★
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HP USB-C Dock G5	5TW10AA ★
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HP USB-C/A Universal Dock G2	5TW13AA ★
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HP Thunderbolt Dock 120W G2	2UK37AA ★
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HP Thunderbolt Dock 120W with HDMI Adapter	6HP48AA ★
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HP Elite USB-C Hub	4WX89AA
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HP Elite USB-C Hub	4WX89UT
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HP Thunderbolt Dock 120W G2	2UK37ET
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HP Thunderbolt Dock 120W G2	2UK37UT
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HP Thunderbolt Dock 120W G2 with Audio	3YE87AA
HP Thunderbolt Dock 120W G2 with Audio	3YE87UT
HP Thunderbolt Dock G2 with Combo Cable	3TR87AA
HP Thunderbolt Dock G2 with Combo Cable	3TR87ET
HP Thunderbolt Dock G2 with Combo Cable	3TR87UT
HP USB-C Dock G5	5TW10ET
HP USB-C Dock G5	5TW10UT
HP USB-C Mini Dock	1PM64AA
HP USB-C Mini Dock	1PM64UT
HP USB-C Travel Hub G2	7PJ38AA
HP USB-C Travel Hub G2	7PJ38UT
HP USB-C/A Universal Dock G2	5TW13ET
HP USB-C/A Universal Dock G2	5TW13UT

## Docking Accessories

HP Thunderbolt Dock Audio Module	3AQ21AA
HP Thunderbolt Dock Audio Module	3AQ21UT

## Cases and Covers

### Cases

HP Executive 14.1 Slim Top Load	<b>6KD04AA</b> ★
HP 13.3 Business Sleeve	2UW00AA
HP 13.3 Business Sleeve	2UW00UT
HP 14.1 Business Sleeve	2UW01AA
HP 14.1 Business Sleeve	2UW01UT
HP 14.1 Business Slim Top Load	2SC65A6
HP 14.1 Business Slim Top Load	2SC65AA
HP 14.1 Business Slim Top Load	2SC65ET
HP 14.1 Business Slim Top Load	2SC65UT
HP 15.6 Business Top Load	2SC66A6
HP 15.6 Business Top Load	2SC66AA
HP 15.6 Business Top Load	2SC66ET
HP 15.6 Business Top Load	2SC66UT
HP 17.3 Business Roller Case	2SC68AA
HP 17.3 Business Slim Top Load	2UW02A6

HP 17.3 Business Slim Top Load	2UW02AA	
HP 17.3 Business Slim Top Load	2UW02UT	
HP All in One Carry On Luggage	7ZE80AA	
HP Executive 14.1 Slim Top Load	6KD04UT	
HP Executive 14.1 Tote	6KD10AA	
HP Executive 15.6 Leather Top Load	6KD09AA	
HP Executive 15.6 Top Load	6KD06AA	
HP Executive 15.6 Top Load	6KD06UT	
HP Executive 17.3 Top Load	6KD08AA	
HP Executive 17.3 Top Load	6KD08UT	
HP Prelude 15.6-inch Laptop Bag	2Z8P4AA	
HP Prelude Pro Recycled Top Load	1X645A6	
HP Prelude Pro Recycled Top Load	1X645AA	
HP Prelude Pro Recycled Top Load	1X645UT	
HP Prelude Topload	1E7D7AA	
HP Renew Business 14.1-inch Laptop Bag	3E5F9A6	
HP Renew Business 14.1-inch Laptop Bag	3E5F9AA	
HP Renew Business 14.1-inch Laptop Bag	3E5F9UT	
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7AA	
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7UT	
HP Renew Business 15.6-inch Laptop Bag	3E5F8A6	
HP Renew Business 15.6-inch Laptop Bag	3E5F8AA	
HP Renew Business 15.6-inch Laptop Bag	3E5F8UT	
HP Renew Business 17.3-inch Laptop Bag	3E2U6AA	
HP Renew Business 17.3-inch Laptop Bag	3E2U6UT	
Recycled Series 14-inch Top Load	7ZE83AA	obsolete

## Backpacks

HP 17.3 Business Backpack	2SC67A6	
HP 17.3 Business Backpack	2SC67AA	
HP 17.3 Business Backpack	2SC67ET	
HP 17.3 Business Backpack	2SC67UT	
HP Executive 15.6 Backpack	6KD07AA	
HP Executive 15.6 Backpack	6KD07UT	
HP Executive 17.3 Backpack	6KD05AA	
HP Executive 17.3 Backpack	6KD05UT	

HP Prelude 15.6-inch Backpack	2Z8P3AA
HP Prelude Backpack 15.6	1E7D6AA
HP Prelude Pro Recycled Backpack	1X644A6
HP Prelude Pro Recycled Backpack	1X644AA
HP Prelude Pro Recycled Backpack	1X644UT
HP Renew Business 17.3-inch Laptop Backpack	3E2U5A6
HP Renew Business 17.3-inch Laptop Backpack	3E2U5AA
HP Renew Business 17.3-inch Laptop Backpack	3E2U5UT

## Covers

HP Renew 14 Laptop Sleeve	2E6U9AA
HP Renew 14 Laptop Sleeve	2E6V0AA

## Memory

### DDR Memory

HP 16 GB 3200MHz DDR4 Memory	286J1AA
HP 16 GB 3200MHz DDR4 Memory	286J1UT
HP 4 GB 3200MHz DDR4 Memory	286H5AA
HP 4 GB 3200MHz DDR4 Memory	286H5UT
HP 8 GB 3200MHz DDR4 Memory	286H8AA
HP 8 GB 3200MHz DDR4 Memory	286H8UT

## PC Drives and Storage

### PC Solid State Drives

HP 1TB TLC PCIe 3x4 NVMe M.2 Solid State Drive	6SK99AA
HP 1TB TLC PCIe 3x4 NVMe M.2 Solid State Drive	6SK99UT
HP 2TB TLC PCIe 3x4 NVMe M.2 Solid State Drive	6SL00AA
HP 2TB TLC PCIe 3x4 NVMe M.2 Solid State Drive	6SL00UT

### PC DVD Drives

HP External USB DVDRW Drive	F2B56AA
HP External USB DVDRW Drive	F2B56ET
HP External USB DVDRW Drive	F2B56UT
HP USB External DVD-RW Writer	Y3T76AA

# Cabinets and Stands

## Carts

HP 20 Mgd Charging Cart V2	T9E83AA	
HP 30 Mgd Charging Cart V2	T9E85AA	
HP 32U Essential Charging Cart	1HC89AA	obsolete

# Audio/Multimedia and Communication Devices

## Headsets

HP Business Headset v2	T4E61AA	
HP Business Headset v2	T4E61AT	
HP Stereo 3.5mm Headset	T1A66AA	
HP Stereo USB Headset	T1A67AA	

## Phones

HP UC Speaker Phone	4VW02AA	
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# Point of Sales System Options

## POS Display Accessories

HP Engage One 10.1-inch Display	1XD80AA	
HP Engage One 10.1-inch Touch Display	1XD81AA	
HP Engage One W 10.1-inch Display	3FH66AA	
HP Engage One W 10.1-inch Touch Display	3FH67AA	
HP L5010ta	2KY27AA	

# Cables/Cable Kits/Cable Adapters

## Audio and Video Cables

HP HDMI to DVI Adapter	F5A28AA	
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## Cable Adapters

HP Thunderbolt 120W G2 Cable	3XB94AA	
HP Thunderbolt 120W G2 Cable	3XB94UT	
HP Thunderbolt 230W G2 Cable	3XB95AA	
HP Thunderbolt Dock G2 Combo Cable	3XB96AA	
HP Thunderbolt Dock G2 Combo Cable	3XB96UT	

HP USB Type-C to RJ45 Adapter	V8Y76AA
HP USB-C to DP Adapter	N9K78AA
HP USB-C to DP Adapter	N9K78UT
HP USB-C to HDMI 2.0	1WC36AA
HP USB-C to HDMI 2.0	1WC36UT
HP USB-C to RJ45 Adapter	V7W66AA
HP USB-C to RJ45 Adapter	V7W66UT
HP USB-C to USB 3.0 Adapter	N2Z63AA
HP USB-C to USB-A Hub	Z6A00AA
HP USB-C to VGA Adapter	N9K76AA
HP USB-C to VGA Adapter	N9K76UT
HP USB-C to VGA Display Adapter	P7Z54AA

## Graphics Cards

### Graphics Connectors/Adapters

HP HDMI to VGA Adapter	H4F02AA
HP HDMI to VGA Adapter	H4F02ET
HP HDMI to VGA Adapter	H4F02UT

## Expansion Solution and Controller Cards

### Port Adapters

HP USB-C to 4.5 mm Adapter	4ST73AA
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## Network Adapters

### Wireless LAN

HP XMM™ 7360 LTE-Advance WWAN	3FB01AA
HP XMM™ 7360 LTE-Advance WWAN	3FB01UT



## Monitors

### Business Monitors

★ : Recommended

#### Z Displays

HP Z24n G3 WUXGA Display	1C4Z5AA ★
HP Z27q G3 QHD Display	1C4Z7AA ★
HP Z27k G3 4K USB-C Display	1B9T0AA ★
HP DreamColor Z24x G2 Display	1JR59A4
HP DreamColor Z27x G2 Studio Display	2NJ08A4
HP DreamColor Z31x Studio Display	Z4Y82A4
HP Z22n G2 21.5-inch Display	1JS05A4
HP Z23n G2 23-inch Display	1JS06A4
HP Z24f G3 FHD Display	3G828AA
HP Z24n G2 24-inch Display	1JS09A4
HP Z24u G3 WUXGA USB-C Display	1C4Z6AA
HP Z25xs G3 QHD USB-C DreamColor Display	1A9C9AA
HP Z27 27-inch 4K UHD Display	2TB68A4
HP Z27n G2 27-inch Display	1JS10A4
HP Z27u G3 QHD Display	1B9X2AA
HP Z27xs G3 4K USB-C DreamColor Display	1A9M8AA
HP Z32 31.5-inch 4K UHD Display	1AA81A4
HP Z38c 37.5-inch Curved Display	Z4W65A4
HP Z43 42.5-inch 4K UHD Display	1AA85A4

#### E-Series

HP E14 G4 Portable Monitor	1B065AA
HP E22 G4 FHD Monitor	9VH72AA
HP E23 G4 FHD Monitor	9VF96AA
HP E24 G4 FHD Monitor	3R473AA
HP E24 G4 FHD Monitor	9VF99AA
HP E24d G4 FHD USB-C Docking Monitor	6PA50A8
HP E24d G4 FHD USB-C Docking Monitor	6PA50AA
HP E24d G4 FHD USB-C Docking Monitor	6PA50AS
HP E24d G4 FHD USB-C Docking Monitor	6PA50AT
HP E24i G4 WUXGA Monitor	9VJ40AA

HP E24mv G4 FHD Conferencing Monitor	169L0AA
HP E24q G4 QHD Monitor	9VG12AA
HP E24t G4 FHD Touch Monitor	9VH85AA
HP E24u G4 FHD USB-C Monitor	189T0AA
HP E27 G4 FHD Monitor	9VG71AA
HP E27d G4 QHD USB-C Docking Monitor	6PA56A8
HP E27d G4 QHD USB-C Docking Monitor	6PA56AA
HP E27d G4 QHD USB-C Docking Monitor	6PA56AS
HP E27d G4 QHD USB-C Docking Monitor	6PA56AT
HP E27q G4 QHD Monitor	9VG82AA
HP E27u G4 QHD USB-C Monitor	189T3AA

## EliteDisplays

HP E344c 34-inch Curved Monitor	6GJ95AA	
HP EliteDisplay E202 20-inch Monitor	M1F41AA	
HP EliteDisplay E223 21.5-inch Monitor	1FH45AA	
HP EliteDisplay E223d 21.5-inch Docking Monitor	5VT82AA	obsolete
HP EliteDisplay E230t 23-inch Touch Monitor	W2Z50AA	
HP EliteDisplay E233 23-inch Monitor	1FH46AA	
HP EliteDisplay E233 23-inch Monitor Head Only	2PD30AA	
HP EliteDisplay E243 23.8-inch Monitor	1FH47AA	
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AA	
HP EliteDisplay E243d 23.8-inch Docking Monitor	7MP20AA	
HP EliteDisplay E243i 24-inch Monitor	1FH49AA	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48AA	
HP EliteDisplay E243p 23.8-inch Sure View Monitor	5FT13AA	
HP EliteDisplay E273 27-inch Monitor	1FH50AA	
HP EliteDisplay E273m 27-inch Monitor	1FH51AA	
HP EliteDisplay E273q 27-inch Monitor	1FH52AA	
HP EliteDisplay E324q 31.5-inch QHD Monitor	5DP31AA	
HP EliteDisplay S14 14-inch Portable Display	3HX46AA	
HP EliteDisplay S340c 34-inch Curved Monitor	V4G46AA	obsolete

## Healthcare Edition Displays

HP Healthcare Edition HC241 Clinical Review Monitor	3ME68AA
HP Healthcare Edition HC241p Clinical Review Monitor	3ME69AA

HP Healthcare Edition HC270cr Clinical Review Monitor

1QW03AA

## Large Format Display

HP LD5512 4K UHD Conferencing Display

2YD85AA

## ProDisplays

HP Mini-in-One 24 Display

7AX23AA

## Value Displays

HP N223 21.5-inch Monitor

3ML60AA

HP N246v 23.8-inch Monitor

1RM28AA

HP P244 23.8-inch Monitor

5QG35AA

HP V22b Monitor

2XM33AA

HP V24b Monitor

2XM34AA

HP V270 27-inch Monitor

2KZ35AA

## P-Series

HP P19v G4 Monitor

9TY84AA

HP P21v G4 Monitor

9TY72AA

HP P22 G4 22 FHD Monitor

1A7E4AA

HP P22h G4 FHD Monitor

7UZ36AA

HP P22h G4 FHD Monitor

7UZ36AT

HP P22v G4 Monitor

9TT53AA

HP P24 G4 24 FHD Monitor

1A7E5AA

HP P24h G4 FHD Monitor

7VH44AA

HP P24q G4 QHD Height Adjust Monitor

8MB10AA

HP P24v G4 Monitor

9TT78AA

HP P27h G4 FHD Monitor

7VH95AA

HP P27q G4 QHD Height Adjust Monitor

8MB11AA

HP P27v G4 Monitor

9TT20AA

## Business LCD Monitors

HP P204 19.5-inch Monitor

5RD65AA

HP P204v 19.5-inch Monitor

5RD66AA

## S-Series

HP S430c 43.4-inch Curved Ultrawide Monitor

5FW74AA

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