



HP Elite c640 14 inch G3 Chromebook Enterprise (6P3J7UT)



Overview

Enterprise-class Chromebook featuring performance essentials

Enterprise-class performance defines the HP Elite c640 14 inch G3 Chromebook Enterprise. Drive productivity and collaboration with a powerful Intel® processor[1], Wi-Fi 6E connectivity[8], and speakers featuring Audio by Bang & Olufsen. Help protect your fleet with elevated security features, including the inherent and simple security of ChromeOS.

Productivity and collaboration

Take performance to the next level with the latest Intel® processor[1], 5MP camera, and Audio by Bang & Olufsen.

Wi-Fi connectivity

Enjoy greater speed and stability on crowded networks with Wi-Fi 6E wireless[8] with extended range wireless LAN.[9]

Chrome security and simplicity

Help protect and maintain device and data security with ChromeOS and other elevated security features.

Features

Universal connectivity and charging with USB-C™

Use the USB-C™ port to access and charge your USB-C™ accessories from your Chromebook™ or charge your Chromebook™ from any USB-C™ adapter.

Apps and content for expanded learning

Take learning in new directions with access to the Google Play™ Store and Android™ apps, which include thousands of instantly shareable and easily manageable innovative education apps.^[2]

[1] 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.

[8] Wi-Fi 6E requires a 6GHz router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. Only available in countries where Wi-Fi 6E is supported.

[9] Based on internal testing of products with and without HP Extended Range Wireless LAN.

[2] Internet access required and sold separately. Some apps may require purchase.

Specifications

Operating system	ChromeOS
Processor family	12th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-1245U (up to 4.4 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads) ^[6,7]
Memory	8 GB LPDDR4x-4266 MT/s (onboard)
Internal Storage	256 GB PCIe® NVMe™ SSD
Graphics	Integrated
Graphics (integrated)	Intel® Iris® Xe Graphics
Display	35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC
Display	14" diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC ^[10,13,14,15]
Display size (diagonal)	35.6 cm (14")
Display size (diagonal)	14"
Audio	Audio by B&O, dual microphones enhanced by AI noise reduction
Minimum dimensions (W x D x H)	32.3 x 22.1 x 1.98 cm
Minimum dimensions (W x D x H)	12.71 x 8.7 x 0.77 in
Weight	Starting at 1.54 kg (Weight will vary by configuration. Does not include power adapter.)
Weight	Starting at 3.38 lb (Weight will vary by configuration. Does not include power adapter.)
Keyboard	Full-size, island-style keyboard with numeric keypad and optional backlit
Camera	5 MP camera
Ports	2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 2 USB Type-A 5Gbps signaling rate; 1 HDMI 2.0 ^[9] (HDMI cable sold separately.)
Package dimensions (W x D x H)	6.9 x 44.9 x 30.5 cm
Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)
Power	65 W USB Type-C™ adapter ^[22]
Battery type	HP Long Life 3-cell, 58 Wh Li-ion
Security management	Nano Security lock slot; Google Titan C ^[18]
Software included	Chrome Enterprise Upgrade; Zero Touch Enrollment (sold separately); Chromebook Plus features ^[17,27,31]

UPC number

(ABA) 196786331077; (ABL) 196786331084

Manufacturer Warranty

HP Services offers 1-year or 3-year limited warranties and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. Refer to <http://www.hp.com/support/batterywarranty/> for additional battery information. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: <http://www.hp.com/go/cpc> .^[23]

Additional specifications

Accessories	HP Wired USB-A Stereo Headset 428K6AA; HP Renew Business 17.3 Laptop Backpack 3E2U5AA; HP Universal USB-C Multiport Hub 50H55AA; HP Multi-Device 635 Black Wireless Mouse 1D0K2AA; HP 325 Chrome BT Keyboard 45U14AA
Battery brand	HP
Battery capacity	58
Battery capacity uom	Wh
Battery cells number	3
Battery life	Long Life
Battery life note	Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 90% in 90 minutes.
Battery type	Li-ion
Bluetooth version	Bluetooth® 5.2
Brightness	250 nits
Color gamut	45% NTSC
Display	14" diagonal FHD display
Display	35.6 cm (14") diagonal FHD display
Display bezel	narrow bezel
Display brightness	250
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)	14
Display size (diagonal, metric)	35.6
Display size (diagonal, metric) uom	cm
Display surface treatment	Anti-glare
Fingerprint reader	Fingerprint sensor
Keyboard backlight	backlit
Keyboard keypad	Numeric keypad
Keyboard size	Full-size
Memory and storage	8 GB memory; 256 GB SSD storage
Memory layout (slots & size)	onboard

Memory size	8
Memory size uom	GB
Memory speed	4266
Memory speed uom	MT/s
Memory type	LPDDR4x
Package dimensions (W x D x H)	2.71 x 17.67 x 12 in
Playbook TS icon OS	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png
Playbook TS icon battery life	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png
Playbook TS icon connectivity	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png
Playbook TS icon dimensions NB	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08250394.png
Playbook TS icon display NB	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08205649.png
Playbook TS icon graphics	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png
Playbook TS icon memory	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png
Playbook TS icon processor	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png
Playbook TS icon storage	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png
Playbook TS icon weight imperial	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png
Playbook TS icon weight metric	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png
Processor Brand	Intel®
Processor cache	12 MB L3
Processor core	10
Processor family	Core™ i5
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	12th Generation
Processor maximum frequency	2.5
Processor maximum frequency uom	GHz
Processor model	1245U
Processor threads	12
Product brand name	HP
Product long name specifications	HP Elite c640 14 inch G3 Chromebook Enterprise, ChromeOS, 14", Intel® Core™ i5, 8GB RAM, 256GB SSD, FHD
Product long name specifications V2	ChromeOS, 14", Intel® Core™ i5, 8GB RAM, 256GB SSD, FHD
Product short name specifications	HP Elite c640 14 inch G3 Chromebook Enterprise, 14", Intel® Core™ i5, 8GB RAM, 256GB SSD
Standard memory note	Transfer rates up to 4266 MT/s.
Storage capacity	256

Storage capacity uom 01	GB
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
Touchscreen	No
UNSPSC code	43211503
Wireless Model	Wi-Fi 6E AX211
Wireless antenna	2x2
Wireless standard	Wi-Fi 6
Wireless supplier	Intel®
Wireless transfer speeds	Supporting Gigabit data rate
vPro enabled	vPro®

[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.

[9] SuperSpeed USB 20Gbps is not available with Thunderbolt™ 4.

[10] HD content required to view HD images.

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

[14] 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.

[15] Actual brightness will be lower with touchscreen or Sure View.

[17] HP Classroom Manager is sold separately. Control and device locking from the teacher's desktop requires purchase of HP Classroom Manager.

[18] Lock is sold separately.

[22] Availability may vary by country.

[23] HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit <http://www.hp.com/go/cpc>. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

[27] Zero Touch Enrollment Service is sold separately. Please contact your HP Sales Representative or Authorized HP Representative. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

[31] This device qualifies for an OS update to include enhanced features found on Chromebook Plus devices.

Accessories for PC

Keyboards/Other Input Devices

★ : Recommended

Wireless Keyboards

HP 325 Chrome Bluetooth Keyboard	45U14AA ★
HP 220 Wireless Keyboard	805T2AA
HP 225 Wireless Keyboard	805T1AA
HP 230 Wireless Keyboard	3L1E7AA
HP 320 Chrome Bluetooth Keyboard	616Y2AA
HP 350 Compact Multi-Device Bluetooth Keyboard	692S8AA
HP 350 Compact Multi-Device Bluetooth Keyboard	692T0AA
HP 430 Programmable Wireless Keypad	7N7C2AA
HP 435 Programmable Wireless Keypad	7N7C3AA
HP 450 Programmable Wireless Keyboard	4R184AA
HP 455 Programmable Wireless Keyboard	4R177A6
HP 455 Programmable Wireless Keyboard	4R177AA
HP 460 Multi-Device Bluetooth Keyboard	7N7B8AA
HP 475 Dual-Mode Wireless Keyboard	7N7B9AA
HP 680 Comfort Dual-Mode Keyboard	8T6L8AA
HP 720 Multi-Device Rechargeable Wireless Keyboard	9T5B1AA
HP 725 Multi-Device Rechargeable Wireless Keyboard	9T5B2AA
HP 960 Ergonomic Wireless Keyboard	7E755AA
HP 965 Ergonomic Wireless Keyboard	7E756AA
HP 970 Programmable Wireless Keyboard	3Z729AA
HP 975 Dual-Mode Wireless Keyboard	3Z726AA

Wired Keyboards

HP 125 USB WD KBD (Bulk 12)	266C9A6
HP 125 Wired Keyboard	266C9AA
HP 150 Wired Keyboard	664R5AA
HP 400 Backlit Wired Keyboard	7N7C0AA
HP 405 Multi-Device Backlit Wired Keyboard	7N7C1AA
HP 480 Comfort Wired Keyboard	8T6M1AA
HP 485 Comfort Wired Keyboard	8T6M2AA
HP Pavilion Wired Keyboard 300	4CE96AA

HP Wired Desktop 320K Keyboard	9SR37AA
HP Wired Desktop 320K Keyboard	9SR37UT
HP Wired Desktop 320K Keyboard (Bulk12)	9SR37A6

Wired Combo

HP 150 Wired Mouse and Keyboard	240J7AA	
HP 155 Wired Mouse and Keyboard Combo	5B8C0AA	obsolete
HP 225 Antimicrobial Wired Mouse and Keyboard Combo	286K3AA	
HP 225 Wired Mouse and Keyboard Combo	286J4AA	
HP 225 Wired Mouse and Keyboard Combo White	86J24AA	
HP Pavilion Keyboard and Mouse 200	9DF28AA	
HP Pavilion Wired Keyboard and Mouse 400	4CE97AA	
HP USB Keyboard and Mouse Healthcare Edition	1VD81AA	
HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA	
HP Wired Desktop 320MK Mouse and Keyboard	9SR36UT	

Wireless Combo

HP 230 Wireless Mouse and Keyboard Combo	18H24AA	
HP 230 Wireless Mouse and Keyboard Combo	3L1F0AA	
HP 235 Wireless Mouse and Keyboard Combo	1Y4D0AA	
HP 235 Wireless Mouse and Keyboard Combo	1Y4D0UT	
HP 330 Wireless Mouse and Keyboard Combination	2V9E6AA	
HP 650 Wireless Keyboard and Mouse Combo	4R013AA	
HP 650 Wireless Keyboard and Mouse Combo	4R016AA	
HP 655 Wireless Keyboard and Mouse Combo	4R009AA	
HP 655 Wireless Keyboard and Mouse Combo	860P8AA	
HP 655 Wireless Keyboard and Mouse Combo (Bulk 10)	4R009A6	
HP 680 Comfort Dual-Mode Keyboard and Mouse Combo	8T6L6AA	
HP 685 Comfort Dual-Mode Keyboard and Mouse Combo	8T6L7UT	
HP 720 Multi-Device Rechargeable Wireless Keyboard and Mouse Combo	9T5A9AA	
HP 725 Multi-Device Rechargeable Wireless Keyboard and Mouse Combo	9T5B0UT	
HP Wireless Keyboard and Mouse 300	3ML04AA	
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165AA	

Power

Power Adapters

HP 45W USB-C LC Power Adapter	1MZ01AA ★
HP 65W USB-C LC Power Adapter	1P3K6AA
HP 65W USB-C LC Power Adapter	944V0AA
HP USB-C 65W Laptop Charger	671R2AA
HP USB-C 65W Laptop Charger	671R3AA
HP USB-C 65W Laptop Charger	671R3UT
HP USB-C Travel Power Adapter 65W	X7W50AA

Mice/Pens/Other Pointing Devices

Wireless Mice

HP 635 Multi-Device Wireless Mouse	1D0K2AA ★
HP 150 Wireless Mouse	2S9L1AA
HP 220 Wireless Mouse	3FV66AA
HP 220 Wireless Mouse	7KX10AA
HP 220 Wireless Mouse	7KX11AA
HP 220 Wireless Mouse	7KX12AA
HP 235 Slim Wireless Mouse	4E407AA
HP 235 Slim Wireless Mouse	4E407UT
HP 240 Black Bluetooth Mouse	3V0G9AA
HP 240 Empire Red Bluetooth Mouse	43N05AA
HP 240 Lunar White Bluetooth Mouse	793F9AA
HP 240 Pike Silver Bluetooth Mouse	43N04AA
HP 245 Bluetooth Mouse	81S67AA
HP 245 Bluetooth Mouse	81S67UT
HP 250 Dual Mouse	6V2J7AA
HP 255 Dual Wireless Mouse	8R3U1AA
HP 255 Dual Wireless Mouse	8R3U1UT
HP 280 Silent Wireless Mouse	19U64AA
HP 285 Silent Wireless Mouse	6G4E6AA
HP 410 Slim Silver Bluetooth Mouse	4M0X5AA
HP 410 Slim White Bluetooth Mouse	4M0X6AA
HP 420 Programmable Bluetooth Mouse	7M1D3AA
HP 425 Programmable Bluetooth Mouse	7M1D5AA
HP 430 Multi-Device Wireless Mouse	3B4Q2AA
HP 435 Multi-Device Wireless Mouse	3B4Q5AA

HP 435 Multi-Device Wireless Mouse	3B4Q5UT
HP 480 Comfort Bluetooth Mouse	8T6M3AA
HP 510 Ultra-Fast Rechargeable Wireless Mouse	9C2F6AA
HP 515 Ultra-Fast Rechargeable Wireless Mouse	9C2F7AA
HP 635 Multi-Device Wireless Mouse	1D0K2ET
HP 685 Comfort Dual-Mode Mouse	8T6M0UT
HP 695 Rechargeable Wireless Mouse	8F1Y4AA
HP 710 Rechargeable Silent Mouse	6E6F1AA
HP 710 Rechargeable Silent Mouse	6E6F2AA
HP 715 Rechargeable Multi-Device Mouse	6E6F0AA
HP 920 Ergonomic Wireless Mouse	6H1A4AA
HP 925 Ergonomic Vertical Mouse	6H1A5AA
HP 930 Creator Wireless Mouse	1D0K9AA
HP 935 Creator Wireless Mouse	1D0K8AA
HP 935 Creator Wireless Mouse	1D0K8ET
HP 935 Creator Wireless Mouse	1D0K8UA
HP Dual Mode Mouse	6CR71AA
HP Dual Mode Mouse	6CR72AA
HP ENVY Rechargeable Mouse 500	2LX92AA
HP Wireless Mouse 200	2HU82AA
HP Wireless Mouse 200	2HU83AA
HP Wireless Mouse 200	2HU84AA
HP Wireless Mouse 200	2HU85AA
HP Wireless Mouse 200	X6W31AA
HP Wireless Mouse X200	6VY95AA
HP Wireless Mouse Z3700	4VY82AA
HP Wireless Mouse Z3700	7UH88AA
HP Wireless Premium Mouse	1JR31AA
HP Wireless Premium Mouse	1JR31UT
HP X3000 Black G3 Wireless Mouse	683N7AA
HP X3000 Blue G3 Wireless Mouse	683N8AA
HP X3000 G2 Wireless Mouse	28Y30AA
HP X3000 Silver G3 Wireless Mouse	683N9AA
HP Z3700 Black Wireless Mouse	26V63AA
HP Z3700 Black Wireless Mouse	VOL79AA
HP Z3700 Blue Wireless Mouse	VOL81AA

HP Z3700 CCW G2 Wireless Mouse	681S1AA
HP Z3700 Ceramic White Wireless Mouse	171D8AA
HP Z3700 DFB G2 Wireless Mouse	681S0AA
HP Z3700 Dual Black Mouse	758A8AA
HP Z3700 Dual Silver Mouse	758A9AA
HP Z3700 Gold Wireless Mouse	X7Q43AA
HP Z3700 MGD G2 Wireless Mouse	681R8AA
HP Z3700 NSV G2 Wireless Mouse	66Z09AA
HP Z3700 OIL G2 Wireless Mouse	66Z08AA
HP Z3700 OYB G2 Wireless Mouse	681R7AA
HP Z3700 Red Wireless Mouse	VOL82AA
HP Z3700 Silver Wireless Mouse	X7Q44AA
HP Z3700 TUP G2 Wireless Mouse	681R9AA
HP Z3700 White Wireless Mouse	VOL80AA

Wired Mice

HP 125 Wired Mouse	265A9AA
HP 125 Wired Mouse	265A9AT
HP 125 Wired Mouse	265A9UT
HP 125 Wired Mouse (Bulk120)	265A9A6
HP 128 LSR WRD Mouse (Bulk120)	265D9A6
HP 128 Laser Wired Mouse	265D9AA
HP 150 Wired Mouse	240J6AA
HP 155 Wired Mouse	5B8B7AA
HP 320M Wired Mouse (Bulk 120)	9VA80A6
HP Wired Desktop 320M Mouse	9VA80AA
HP Wired Desktop 320M Mouse	9VA80UT
HP Wired Mouse 100	6VY96AA
HP Wired Mouse 1000	4QM14AA
HP Wired Mouse 105	822M9AA
HP Wired Mouse 105	822M9UT
HP X500 Wired Mouse	E5E76AA
USB Travel Mouse	G1K28AA

Audio Devices

Headset Devices

HP Stereo USB Headset G2	428H5AA ★
HP Stereo USB Headset G2	428K6AA ★
HP Stereo 3.5mm Headset G2	428H6AA ★
HP Stereo 3.5mm Headset G2	428K7AA ★
HP Stereo 3.5mm Headset G2	428K7PT
HP Stereo USB Headset G2	428K6PT

Port Replicators/Dongles/Docking

Port Replicators

HP Universal USB-C Multiport Hub	50H55AA ★
HP Universal USB-C Multiport Hub	50H98AA ★
HP USB-C Travel Hub G2	7PJ38AA ★
HP USB-C to USB-A Hub	Z6A00AA
HP Universal USB-C Multiport Hub	50H55PT
HP Universal USB-C Multiport Hub	50H55UT

Cables/Cable Adapters/Dongles

HP HDMI to VGA Adapter	H4F02AA
HP Pavilion USB-C to HDMI 2.0 Adapter	2PC54AA
HP USB-C to DP Adapter	N9K78AA
HP USB-C to HDMI 2.0	1WC36AA
HP USB-C to USB 3.0 Adapter	N2Z63AA
HP USB-C to VGA Adapter	N9K76AA
HP USB-C to VGA Display Adapter	P7Z54AA

Docking

HP Thunderbolt Dock 120W G4	4J0A2AA
HP Thunderbolt Dock 120W G4	4J0A2ET
HP USB-C Dock G5	26D32AA

Bags

Topload Bags

HP Mobility 14-inch Laptop Case	4U9G9AA
HP Prelude 15.6-inch Laptop Bag	Z28P4AA
HP Prelude 15.6-inch Topload	1E7D7AA

HP Prelude 15.6-inch Topload	50P31AA
------------------------------	---------

HP Prelude G2 15.6 TL (Bulk 20)	1E7D7A6
---------------------------------	---------

HP Prelude Pro 15.6-inch Recycled Top Load	1X645AA
--	---------

HP Prelude Pro Rec 15.6 TL (Bulk 12)	1X645A6
--------------------------------------	---------

HP Renew Business 14.1-inch Laptop Bag	3E5F9AA
--	---------

HP Renew Business 15.6-inch Laptop Bag	3E5F8A6
--	---------

HP Renew Business 15.6-inch Laptop Bag	3E5F8AA
--	---------

HP Renew Business 17.3-inch Laptop Bag	3E2U6AA
--	---------

HP Renew Executive 16-inch Laptop Bag	6B8Y2AA
---------------------------------------	---------

HP Rnw Busi 14.1 Laptop Bag (Bulk 12)	3E5F9A6
---------------------------------------	---------

Laptop Case HP Mobility 14 (Bulk 10)	4U9G9A6
--------------------------------------	---------

Backpacks

HP Prelude Backpack 15.6	1E7D6AA
--------------------------	---------

HP Prelude Backpack 15.6	1E7D6UT
--------------------------	---------

HP Prelude Backpack 15.6	50P32AA
--------------------------	---------

HP Prelude G2 15.6 Backpack (Bulk Qty.15)	1E7D6A6
---	---------

HP Prelude Pro 15.6-inch Recycled Backpack	1X644A6
--	---------

HP Prelude Pro 15.6-inch Recycled Backpack	1X644AA
--	---------

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
---	---------

HP Renew Executive 16 Laptop Backpack	6B8Y1UT
---------------------------------------	---------

HP Renew Executive 16-inch Laptop Backpack	6B8Y1AA
--	---------

HP Travel 18 Liter 15.6 Iron Grey Laptop Backpack	6B8U6AA
---	---------

HP Travel 18 Liter 15.6 Iron Grey Laptop Backpack	6H2D9AA
---	---------

HP Travel 25 Liter 15.6 Iron Grey Laptop Backpack	6B8U4AA
---	---------

HP Travel 25 Liter 15.6 Iron Grey Laptop Backpack	6H2D8AA
---	---------

Sleeves

HP Renew Business 14.1-inch Laptop Sleeve	3E2U7A6
---	---------

HP Renew Business 14.1-inch Laptop Sleeve	3E2U7AA
---	---------

HP Renew Executive 14-inch Laptop Sleeve	6B8Y3AA
--	---------

Security

Security Cables

HP Nano Keyed Cable Lock

1AJ39AA

HP Nano Master Keyed Cable Lock

1AJ40AA

Monitors

Business Monitors

★ : Recommended

P-Series

HP P24v G5 FHD Monitor	64W18A6
HP P24v G5 FHD Monitor	64W18A7
HP P24v G5 FHD Monitor	64W18AA
HP P24v G5 FHD Monitor	64W18AS
HP P24v G5 FHD Monitor	64W18AT
HP P22 G5 FHD Monitor	64X86A7
HP P22 G5 FHD Monitor	64X86AA
HP P22 G5 FHD Monitor	64X86AS
HP P22 G5 FHD Monitor	64X86AT
HP P22a G5 FHD Monitor - P22a	8D5J1AA
HP P22b G5 FHD Monitor - P22b	8D5K4AA
HP P22h G5 FHD Monitor	64W30A7
HP P22h G5 FHD Monitor	64W30AA
HP P22h G5 FHD Monitor	64W30AS
HP P22h G5 FHD Monitor	64W30AT
HP P22v G5 FHD Monitor	64V81A6
HP P22v G5 FHD Monitor	64V81A7
HP P22v G5 FHD Monitor	64V81AA
HP P22v G5 FHD Monitor	64V81AS
HP P22v G5 FHD Monitor	64V81AT
HP P22v G5 FHD Value Monitor	7N909AT
HP P24 G5 FHD Monitor	64X66A7
HP P24 G5 FHD Monitor	64X66AA
HP P24 G5 FHD Monitor	64X66AF
HP P24 G5 FHD Monitor	64X66AS
HP P24 G5 FHD Monitor	64X66AT
HP P24a G5 FHD Monitor - P24a	8D5J5AA
HP P24h G4 FHD Monitor	7VH44AA
HP P24h G4 FHD Monitor	9UJ13A8
HP P24h G4 FHD Monitor	9UJ13AA

HP P24h G5 FHD Monitor	64W34A7
HP P24h G5 FHD Monitor	64W34AA
HP P24h G5 FHD Monitor	64W34AF
HP P24h G5 FHD Monitor	64W34AS
HP P24h G5 FHD Monitor	64W34AT
HP P24v G4 Monitor	9TT78AA
HP P24v G5 FHD Value Monitor	7N914AT
HP P27 G5 FHD Monitor	64X69A7
HP P27 G5 FHD Monitor	64X69AA
HP P27 G5 FHD Monitor	64X69AS
HP P27 G5 FHD Monitor	64X69AT
HP P27h G5 FHD Monitor	64W41A7
HP P27h G5 FHD Monitor	64W41AA
HP P27h G5 FHD Monitor	64W41AS
HP P27h G5 FHD Monitor	64W41AT
HP P32u G5 QHD USB-C Monitor	64W51A7
HP P32u G5 QHD USB-C Monitor	64W51AA
HP P32u G5 QHD USB-C Monitor	64W51AS
HP P32u G5 QHD USB-C Monitor	64W51AT
HP P34hc G4 WQHD USB-C Curved Monitor	21Y56A7
HP P34hc G4 WQHD USB-C Curved Monitor	21Y56AA
HP P34hc G4 WQHD USB-C Curved Monitor	21Y56AS
HP P34hc G4 WQHD USB-C Curved Monitor	21Y56AT

E-Series

HP E22 G5 FHD Monitor	6N4E8AA
HP E22 G5 FHD Monitor	6N4E8AS
HP E22 G5 FHD Monitor	6N4E8AT
HP E22 G5 FHD Monitor	6N4E8E9
HP E24 G4 FHD Monitor	9VF99A7
HP E24 G4 FHD Monitor	9VF99AA
HP E24 G4 FHD Monitor	9VF99AS
HP E24 G4 FHD Monitor	9VF99AT
HP E24 G5 FHD Monitor	6N6E9AA
HP E24 G5 FHD Monitor	6N6E9AS
HP E24 G5 FHD Monitor	6N6E9AT

HP E24 G5 FHD Monitor	6N6E9E9
HP E24 G5 FHD Monitor (Made in VN) - E24	AG3A8AA
HP E24 G5 FHD No Stand Monitor	6N6E9A9
HP E24 G5 FHD PVC Free Monitor	6N6E9A5
HP E24i G4 WUXGA Monitor	9VJ40A7
HP E24i G4 WUXGA Monitor	9VJ40AA
HP E24i G4 WUXGA Monitor	9VJ40AS
HP E24i G4 WUXGA Monitor	9VJ40AT
HP E24i G4 Without Video Cable WUXGA Monitor	9VJ40A3
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32A7
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AA
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AS
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AT
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32E9
HP E24mv G4 FHD Conferencing Monitor	169L0AA
HP E24mv G4 FHD Conferencing Monitor	169L0AS
HP E24mv G4 FHD Conferencing Monitor	169L0AT
HP E24mv G4 FHD Conferencing Monitor	169L0E9
HP E24q G5 QHD Monitor	6N4F1AA
HP E24q G5 QHD Monitor	6N4F1AS
HP E24q G5 QHD Monitor	6N4F1AT
HP E24q G5 QHD Monitor	6N4F1E9
HP E24q G5 QHD PVC Free Monitor	6N4F1A5
HP E24t G5 FHD Touch Monitor	6N6E6AA
HP E24t G5 FHD Touch Monitor	6N6E6AS
HP E24t G5 FHD Touch Monitor	6N6E6AT
HP E24t G5 FHD Touch Monitor	6N6E6E9
HP E24u G4 FHD USB-C Monitor	189T0AA
HP E24u G5 FHD USB-C Monitor	6N4D0AA
HP E24u G5 FHD USB-C Monitor	6N4D0AS
HP E24u G5 FHD USB-C Monitor	6N4D0AT
HP E24u G5 FHD USB-C Monitor	6N4D0E9
HP E24u G5 FHD USB-C PVC Free Monitor	6N4D0A5
HP E27 G5 FHD Monitor	6N4E2AA
HP E27 G5 FHD Monitor	6N4E2AL
HP E27 G5 FHD Monitor	6N4E2AS

HP E27 G5 FHD Monitor	6N4E2AT
HP E27 G5 FHD Monitor	6N4E2E9
HP E27 G5 FHD PVC Free Monitor	6N4E2A5
HP E27k G5 4K USB-C Monitor	6N4C4AA
HP E27k G5 4K USB-C Monitor	6N4C4AS
HP E27k G5 4K USB-C Monitor	6N4C4AT
HP E27k G5 4K USB-C Monitor	6N4C4E9
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29A7
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AA
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AS
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AT
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29E9
HP E27q G4 QHD Monitor	9VG82A7
HP E27q G4 QHD Monitor	9VG82AA
HP E27q G4 QHD Monitor	9VG82AT
HP E27q G5 QHD Monitor	6N6F2AA
HP E27q G5 QHD Monitor	6N6F2AS
HP E27q G5 QHD Monitor	6N6F2AT
HP E27q G5 QHD Monitor	6N6F2E9
HP E27q G5 QHD No Stand Monitor	6N6F2A9
HP E27q G5 QHD PVC Free Monitor	6N6F2A5
HP E27u G4 QHD USB-C Monitor	189T3AA
HP E27u G5 QHD USB-C Monitor	6N4D3AA
HP E27u G5 QHD USB-C Monitor	6N4D3AS
HP E27u G5 QHD USB-C Monitor	6N4D3AT
HP E27u G5 QHD USB-C Monitor	6N4D3E9
HP E27u G5 QHD USB-C PVC Free Monitor	6N4D3A5
HP E32k G5 4K USB-C Monitor	6N4D6AA
HP E32k G5 4K USB-C Monitor	6N4D6AS
HP E32k G5 4K USB-C Monitor	6N4D6AT
HP E32k G5 4K USB-C Monitor	6N4D6E9
HP E32k G5 4K USB-C PVC Free Monitor	6N4D6A5
HP E34m G4 WQHD Curved USB-C Conferencing Monitor	40Z26A7
HP E34m G4 WQHD Curved USB-C Conferencing Monitor	40Z26AA
HP E34m G4 WQHD Curved USB-C Conferencing Monitor	40Z26AS
HP E34m G4 WQHD Curved USB-C Conferencing Monitor	40Z26AT

HP E34m G4 WQHD Curved USB-C Conferencing Monitor	40Z26E9
---	---------

HP E45c G5 DQHD Curved Monitor	6N4C1AA
--------------------------------	---------

HP E45c G5 DQHD Curved Monitor	6N4C1AS
--------------------------------	---------

HP E45c G5 DQHD Curved Monitor	6N4C1AT
--------------------------------	---------

HP E45c G5 DQHD Curved Monitor	6N4C1E9
--------------------------------	---------

Value Displays

HP M24m Conferencing Monitor	678U5AA
------------------------------	---------

HP M24m Conferencing Monitor	678U5AS
------------------------------	---------

HP M24m Conferencing Monitor	7N4J6AT
------------------------------	---------

HP M27m Conferencing Monitor	678U8AA
------------------------------	---------

HP M27m Conferencing Monitor	678U8AS
------------------------------	---------

Business LCD Monitors

HP P204v 19.5-inch Monitor	5RD66A7
----------------------------	---------

HP P204v 19.5-inch Monitor	5RD66AA
----------------------------	---------

Series 3 Pro

HP Series 3 Pro 21.45 inch FHD Monitor - 322pv	9U5A2A6
--	---------

HP Series 3 Pro 21.45 inch FHD Monitor - 322pv	9U5A2AA
--	---------

HP Series 3 Pro 21.45 inch FHD Monitor - 322pv	9U5A2AS
--	---------

HP Series 3 Pro 21.45 inch FHD Monitor - 322pv	9U5A2AT
--	---------

HP Series 3 Pro 21.5 inch FHD Monitor - 322pf	9U5B0AF
---	---------

HP Series 3 Pro 21.5 inch FHD Monitor - 322pf	9U5B0AS
---	---------

HP Series 3 Pro 21.5 inch FHD Monitor - 322pf	9U5B0AT
---	---------

HP Series 3 Pro 21.5 inch FHD Monitor - 322pf	9U5B0UT
---	---------

HP Series 3 Pro 23.8 inch FHD Monitor - 324pf	9U5J5AF
---	---------

HP Series 3 Pro 23.8 inch FHD Monitor - 324pf	9U5J5AS
---	---------

HP Series 3 Pro 23.8 inch FHD Monitor - 324pf	9U5J5AT
---	---------

HP Series 3 Pro 23.8 inch FHD Monitor - 324pf	9U5J5UT
---	---------

HP Series 3 Pro 23.8 inch FHD Monitor - 324pv	9U5C1A6
---	---------

HP Series 3 Pro 23.8 inch FHD Monitor - 324pv	9U5C1AA
---	---------

HP Series 3 Pro 23.8 inch FHD Monitor - 324pv	9U5C1AS
---	---------

HP Series 3 Pro 23.8 inch FHD Monitor - 324pv	9U5C1AT
---	---------

Series 5 Pro

HP Series 5 Pro 23.8 inch FHD Monitor - 524pf	9D9L6AL
HP Series 5 Pro 23.8 inch FHD Monitor - 524pf	9D9L6UT
HP Series 5 Pro 23.8 inch FHD Monitor - 524pf PVC Free	9D9L6A5
HP Series 5 Pro 23.8 inch FHD No Stand Monitor - 524pf	9D9L6A9
HP Series 5 Pro 24 inch WUXGA Monitor - 524pn	9D9A7AA
HP Series 5 Pro 24 inch WUXGA Monitor - 524pn PVC Free	9D9A7A5
HP Series 5 Pro 27 inch QHD Monitor - 527pq	9D9S0UT
HP Series 5 Pro 27 inch QHD Monitor - 527pq PVC Free	9D9S0A5
HP Series 5 Pro 27 inch QHD No Stand Monitor - 527pq	9D9S0A9
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu	9E0G5AA

Series 7 Pro

HP Series 7 Pro 23.8 inch FHD Monitor - 724pf	8X530AA
HP Series 7 Pro 23.8 inch FHD Monitor - 724pf	8X530AT
HP Series 7 Pro 23.8 inch FHD Monitor - 724pf	8X530E9
HP Series 7 Pro 23.8 inch FHD Monitor - 724pf PVC Free	8X530A5
HP Series 7 Pro 24 inch WUXGA Monitor - 724pn	8X534AA
HP Series 7 Pro 24 inch WUXGA Monitor - 724pn	8X534AT
HP Series 7 Pro 24 inch WUXGA Monitor - 724pn	8X534E9
HP Series 7 Pro 24 inch WUXGA Monitor - 724pn PVC Free	8X534A5
HP Series 7 Pro 24 inch WUXGA USB-C Monitor - 724pu	8Y2F7AA
HP Series 7 Pro 24 inch WUXGA USB-C Monitor - 724pu	8Y2F7AT
HP Series 7 Pro 24 inch WUXGA USB-C Monitor - 724pu	8Y2F7E9
HP Series 7 Pro 24 inch WUXGA USB-C Monitor - 724pu PVC Free	8Y2F7A5
HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm	8K135AA
HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm	8K135AT
HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm	8K135E9
HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm PVC Free	8K135A5
HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk	8J9G2AA
HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk	8J9G2AT
HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk	8J9G2E9
HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk PVC Free	8J9G2A5
HP Series 7 Pro 27 inch QHD Monitor - 727pq	8J4D8AA
HP Series 7 Pro 27 inch QHD Monitor - 727pq	8J4D8AT
HP Series 7 Pro 27 inch QHD Monitor - 727pq	8J4D8E9
HP Series 7 Pro 27 inch QHD Monitor - 727pq	8J4D8UT

HP Series 7 Pro 27 inch QHD Monitor - 727pq PVC Free	8J4D8A5
HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu	8J9E6AA
HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu	8J9E6AT
HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu	8J9E6E9
HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu	8J9E6UT
HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu PVC Free	8J9E6A5
HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk	8Y2K9AA
HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk	8Y2K9AT
HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk	8Y2K9E9
HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk PVC Free	8Y2K9A5
HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm	8K157AA
HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm	8K157AT
HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm	8K157E9
HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm	8K157UT
HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm PVC Free	8K157A5
HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu	8K167AA
HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu	8K167AT
HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu	8K167E9
HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu PVC Free	8K167A5
HP Series 7 Pro 39.7 inch 5K2K Conferencing Monitor - 740pm PVC Free	8Y2R2A5
HP Series 7 Pro 39.7 inch 5K2K Conferencing Monitor-740pm	8Y2R2AA
HP Series 7 Pro 39.7 inch 5K2K Conferencing Monitor-740pm	8Y2R2AT
HP Series 7 Pro 39.7 inch 5K2K Conferencing Monitor-740pm	8Y2R2E9

Z Displays

HP Z24f G3 FHD Display	3G828A7
HP Z24f G3 FHD Display	3G828AA
HP Z24f G3 FHD Display	3G828AT
HP Z24m G3 QHD Conferencing Display	4Q8N9A7
HP Z24m G3 QHD Conferencing Display	4Q8N9AA
HP Z24m G3 QHD Conferencing Display	4Q8N9AT
HP Z24m G3 QHD Conferencing Display	4Q8N9E9
HP Z24n G3 WUXGA Display	1C4Z5A7
HP Z24n G3 WUXGA Display	1C4Z5AA
HP Z24n G3 WUXGA Display	1C4Z5AT
HP Z24q G3 QHD Display	4Q8N4A7

HP Z24q G3 QHD Display	4Q8N4AA	
HP Z24q G3 QHD Display	4Q8N4AT	
HP Z24q G3 QHD Display	4Q8N4E9	
HP Z24u G3 WUXGA USB-C Display	1C4Z6A7	
HP Z24u G3 WUXGA USB-C Display	1C4Z6AA	
HP Z24u G3 WUXGA USB-C Display	1C4Z6AT	
HP Z24u G3 WUXGA USB-C Display	1C4Z6E9	
HP Z27k G3 4K USB-C Display	1B9T0A7	
HP Z27k G3 4K USB-C Display	1B9T0AA	
HP Z27k G3 4K USB-C Display	1B9T0AT	
HP Z27q G3 QHD Display	1C4Z7A7	
HP Z27q G3 QHD Display	1C4Z7A9	
HP Z27q G3 QHD Display	1C4Z7AA	
HP Z27q G3 QHD Display	1C4Z7AT	
HP Z27u G3 QHD Display	1B9X2AA	
HP Z27u G3 QHD Display	1B9X2AT	
HP Z32k G3 4K USB-C Display	50U19A7	obsolete
HP Z32k G3 4K USB-C Display	50U19AA	obsolete
HP Z32k G3 4K USB-C Display	50U19AT	obsolete
HP Z32k G3 4K USB-C Display	50U19E9	obsolete
HP Z34c G3 WQHD Curved Display	30A19A7	obsolete
HP Z34c G3 WQHD Curved Display	30A19AA	obsolete
HP Z34c G3 WQHD Curved Display	30A19AT	obsolete
HP Z34c G3 WQHD Curved Display	30A19E9	obsolete
HP Z38c 37.5-inch Curved Display	Z4W65A4	obsolete
HP Z38c 37.5-inch Curved Display	Z4W65A8	
HP Z38c 37.5-inch Curved Display	Z4W65AT	obsolete
HP Z40c G3 WUHD Curved Display	3A6F7AA	
HP Z40c G3 WUHD Curved Display	3A6F7AT	obsolete
HP Z40c G3 WUHD Curved Display	3A6F7E9	obsolete

HP Home Monitors

HP Value Displays

HP M22f FHD Monitor	2E2Y3A6
HP M24fe FHD Monitor	43G27AA

HP M24fe FHD Monitor	43G27AS	obsolete
HP M24fe FHD Monitor	43G27E9	obsolete
HP M24fe FHD Monitor	43G28AA	obsolete
HP M24fw FHD Monitor	43B20AA	obsolete
HP M32f FHD Monitor	2H5M7E9	
HP M32fw FHD Monitor	6R6E6AA	

HP Home Monitors

HP M27fe FHD Monitor	43G45AA	
HP M27fe FHD Monitor	43G45AS	obsolete
HP M27fe FHD Monitor	43G45E9	obsolete
HP M27fw FHD Monitor	2H1A4E9	
HP M27fw FHD Monitor	43B24AA	
HP M27fwa FHD Monitor	356D5E9	
HP V22i G5 FHD Monitor	6D8G9A6	
HP V22v G5 FHD Monitor	65P56E9	
HP V22v G5 FHD Monitor	65P57A6	
HP V24ie G5 FHD Monitor	6D8H0AS	
HP V24ie G5 FHD Monitor	6D8H1AA	
HP V24v G5 FHD Monitor	65P62AA	
HP V24v G5 FHD Monitor	65P62E9	
HP V27c G5 FHD Curved Monitor	65P60AA	
HP V27ie G5 FHD Monitor	6D8H2AA	
HP V27ie G5 FHD Monitor	6D8H3AA	

Series 5

HP Series 5 23.8 inch FHD Height Adjust Monitor - 524sh	94C19E9	
HP Series 5 23.8 inch FHD Monitor - 524sf	94C18A6	
HP Series 5 23.8 inch FHD Monitor with Speakers - 524sa	94C36AS	
HP Series 5 23.8 inch FHD Monitor with Speakers - 524sa	94C37AA	
HP Series 5 27 inch FHD Height Adjust Monitor - 527sh	94C50AS	
HP Series 5 27 inch FHD Height Adjust Monitor - 527sh	94C50E9	
HP Series 5 27 inch FHD Monitor with Speakers - 527sa	94F48AS	
HP Series 5 27 inch FHD Monitor with Speakers - 527sa	94F49A6	
HP Series 5 27 inch FHD Monitor with Speakers - 527sa	94F49AA	

OMEN by HP Displays

OMEN 27u 4K Gaming Monitor	3G6W1AA
OMEN Transcend 31.5 inch UHD 240Hz OLED Gaming Monitor - OMEN Transcend 32	9R181AA
OMEN by HP 27 inch FHD 165Hz Gaming Monitor - OMEN 27	780F9AS
OMEN by HP 27 inch FHD 240Hz Gaming Monitor - OMEN 27s	780G5AA
OMEN by HP 27 inch FHD 240Hz Gaming Monitor - OMEN 27s	780G6AA
OMEN by HP 27 inch QHD 165Hz Gaming Monitor - OMEN 27q	780H4AS
OMEN by HP 27 inch QHD 165Hz Gaming Monitor - OMEN 27q	780H4E9
OMEN by HP 27 inch QHD 240Hz Gaming Monitor - OMEN 27qs	780J5AA
OMEN by HP 27 inch UHD 144Hz Gaming Monitor - OMEN 27k	780G8AS

Disclaimer — Copyright

Intel, Core, Celeron, Pentium, Thunderbolt, Iris and Intel vPro are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. © 2022 Google LLC All rights reserved. Google and the Google Logo are registered trademarks of Google LLC.

© Copyright 2024 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Generated by Dynamic Collateral Tool – (ww-en) – Sep 27, 2024 11:31 AM UTC+0000