HP 255 G8 Notebook PC (59T12EA)

Overview

Budget friendly. Business ready.

Get connected with the HP 255 Laptop PC with powerful technology and a streamlined chassis that's easy to take everywhere you go. Complete business tasks with an AMD processor[2] and essential collaboration tools.

Nice and light

The HP 255 Laptop keeps up with mobile workstyles with a thin and light design. The beautiful display with its narrow border design and big screen-to-body-ratio provides ample space for work or streaming content.

Powered for business

Complete projects with a powerful AMD processors[2] and fast memory and storage options.[3]

Well-connected

This laptop is ready to connect to all your peripherals and is designed to fit the needs of business with a USB Type-C® data port, an RJ-45 port and an HDMI port.

Features

Help secure critical data

The Trusted Platform Module (TPM) embedded security chip provides hardware-based encryption keys to help secure your data, e-mail, and user credentials.

Fast and efficient wireless LAN

The portability of your PC and the reliability of a fast connection determines where you can work. Get a fast and reliable connection in dense wireless environments with gigabit-speed Wi-Fi 6.[1]

Be your best virtual self

Sometimes in life, only a face-to-face conversation will do. Thanks to the HP HD camera with wide dynamic range (WDR), you always come off looking your best during virtual conferences in bright and low light conditions.

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[2] 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. AMD's numbering, branding and/or naming is not a measurement of higher performance.

[3] Sold separately or as an optional feature.

[1] 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 PC to communicate with other 802.11ax devices. Wi-Fi® supporting gigabit speeds is achievable with Wi-Fi 6 (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

Specifications

Operating system	Windows 11 Home
Product color	Asteroid silver
Processor family	AMD Ryzen™ 3 processor
Processor	AMD Ryzen™ 3 5300U (up to 3.8 GHz max boost clock, 4 MB L3 cache, 4 cores, 8 threads)[6,7]
Memory	8 GB DDR4-3200 MHz RAM (1 x 8 GB)
Memory Slots	1 SODIMM
Internal Storage	256 GB PCIe® NVMe™ SSD
Optical drive	Not included
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Display	39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC
Display	15.6" diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC[12,13]
Display size (diagonal)	39.6 cm (15.6")
Audio	Stereo speakers, integrated digital microphone
Minimum dimensions (W x D x H)	35.8 x 24.2 x 1.99 cm
Weight	Starting at 1.74 kg *(Weight will vary by configuration.)*
Keyboard	Full-size keyboard with numeric keypad
Pointing device	Touchpad with multi-touch gesture support
Camera	720p HD camera
Ports	2 Super Speed USB Type-A 5Gbps signaling rate; 1 SuperSpeed USB Type-C® 5Gbps signaling rate; 1 RJ-45; 1 headphone/microphone combo; 1 HDMI 1.4b; 1 AC power *(HDMI cable sold separately.)*
Expansion slots	1 multi-format digital media reader *(Supports SD, SDHC, SDXC.)*
Network interface	Realtek RTL8111HSH-CG 10/100/1000 GbE NIC
Wireless	Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit file transfer speeds)
Power	HP Smart 45 W External AC power adapter[18]
Battery type	HP Long Life 3-cell, 41 Wh Li-ion
Battery weight	190 g
Energy star certified	ENERGY STAR® certified

Security management	TPM 2.0[16]
Software included	HP Support Assistant; Native Miracast support; HP Audio Switch; HP Documentation; HP Setup Integrated OOBE; HP SSRM; HP JumpStarts; McAfee® LiveSafe™ 30 day trial; Xerox® DocuShare® 30 day free trial offer[10,14,15,22]
UPC number	196337740822
Manufacturer Warranty	1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.[19]

Additional specifications

Available software	HP Smart Support[57]
Battery brand	HP
Battery capacity	41
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.
Battery type	Li-ion
Bluetooth version	Bluetooth® 5.2
Brightness	250 nits
Camera resolution (vertical)	720p
Camera resolution standard	HD
Color gamut	45% NTSC
Datasheet photo 1	AHID/98705635d55a053f0865c11b042224b33d892d31
Datasheet photo 2	Publication logos/HP_Care_Pack_RGB_blue_NT.jpg
Datasheet photo 3	AHID/deaafe50801df846e1c15c672156a77a4306bb3e
Datasheet photo 4	AHID/45c6941012028835ad87d731c563f630f596dc32
Datasheet photo 5	AHID/b394271b7b81bf73219e24ebd41ae9a2c5336cb3
Display	39.6 cm (15.6") diagonal FHD display
Display	15.6" 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)	15.6
Display size (diagonal, metric)	39.6
Display size (diagonal, metric) uom	cm
Display surface treatment	anti-glare
ECC memory	non-ECC

Keyboard keypad	numeric keypad
Keyboard size	Full-size
Legal tagline	HP recommends Windows 11 Pro for business
Memory and storage	8 GB memory; 256 GB SSD storage
Memory layout (slots & size)	1 x 8 GB
Memory module type	DIMM
Memory size	8
Memory size uom	GB
Memory speed	3200
Memory speed uom	MHz
Memory type	DDR4
Number of memory slots	1
Processor Brand	AMD
Processor cache	4 MB L3
Processor core	4
Processor family	Ryzen™ 3
Processor maximum frequency	3.8
Processor maximum frequency uom	GHz
Processor model	5300U
Processor threads	8
Product brand name	HP
Product long name specifications	HP 255 G8 Notebook PC, 15.6", Windows 11 Home, AMD Ryzen™ 3, 8GB RAM, 256GB SSD, FHD

Sales office and telephone number	Albania: +49 89 9396 1803; Algeria: +213 (0) 61 68 23 00; Austria: +43 (0) 810 00 60 80; Bahrain: 800 171; Belgium: +32 (02) 729 71 11; Bulgaria: +359 2 969 87; Bosnia-Herzegovina: +49 89 9396 1803; Commonwealth of Independent States (CIS): +(095) 923 50 01; Croatia: +385 1 606 02 00; Czech Republic: +420 261 108 108; Denmark: +45 48 12 10 00; HP East Africa, Authorized Consultant: +254 20 27 16 111; Egypt: HP +202 792 5070 ; Estonia: +372 6 813 820; Finland: HP Myyntipalvelu 010 217 2700; France: +33 (0) 826 800 400; Germany: +49 (0) 180 532 62 22; Greece: +30 801 11 22 55 47; Hungary: +36 (1) 382 11 11; Iceland: +354 (1) 67 10 00; Ireland: +353 1 615 82 00; Israel: +972 9 830 48 48; Italy: Prodotti +39 02 92607 330, Servizio HP Care Pack: +39 02 9212 2040; Kazakhstan & Kyrgyzstan: +7 327 2 58 43 43; Latvia: +371 703 07 00; Lithuania: +370 5 2103 300; Luxembourg : (+352) 263 160 34 Macedonia: +49 89 9396 1803; Malta: +49 89 9396 1803; Middle East (Within UAE Toll Free): 800 45 20; Moldova: +49 89 9396 1803; Morocco (African Region): Call Centre +212 22 40 47 47, HP Sale Office +212 22 97 37 37/+212 22 43 64 00; Netherlands: 0800 266 7272; Nigeria: + 234 13 205 241/3; Norway: +47 24 09 70 00; Poland: 0 801 522 622 and/or 00 48 22 565 77 00 (calls are charged at national rates); Portugal: +351 808 200 808 (end user welcome desk for commercial products) ; Romania: +40 (21) 303 83 00; Saudi Arabia: (Toll free) 800 897 14 33, Office Number: +96612731200; Serbia and Montenegro: +381 11 201 99 00; Slovakia: 0800 147 147; Slovenia: +386 1 230 74 20; Spain: +34 (91) 631 16 00; Sweden: +46 200 27 00 00; Switzerland: Pre-sales/product information +41 (0) 848 88 44 66, Spare parts, manuals +41 (0) 848 84 74 64; Tunisia: +216 1 89 12 22; Turkey: +90 (212) 444 79 79; UAE (Toll Free): 800 45 20; UAE (Toll Free): 800 45 20 or 800 49 10; Ukraine: +380 44 490 61 20 ; United Kingdom: HP Teleweb Glasgow +44 (0) 845 270 40 00
Standard memory note	Transfer rates up to 3200 MT/s.
Storage capacity 01	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 antenna	2x2
Wireless standard	Wi-Fi 6
Wireless supplier	Realtek
Wireless transfer speeds	Supporting Gigabit file transfer speeds

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[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.

[10] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.

[12] HD content required to view HD images.

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

[14] HP Support Assistant requires Windows and Internet access.

[15] 30-day McAfee® LiveSafe™ trial included. Internet access required and not included. Subscription required after expiration. See WWW.McAfee.com for more details.

[16] Firmware TPM is version 2.0. which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).

[18] Availability may vary by country.

[19] 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 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.

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[57] HP Smart Support automatically collects the telemetry necessary upon initial boot of the product to deliver device-level configuration data and health insights and is available preinstalled on select products, thru HP Factory Configuration Services; or it can be downloaded. For more information about how to enable HP Smart Support or for download, please visit http://www.hp.com/smart-support.

Accessories

Batteries/Chargers/Adapters

★ : Recommended

AC Adapters

HP 65W Smart AC Adapter	**H6Y89AA ★**	
HP 45W Smart AC Adapter	H6Y88AA	
HP 65W Slim AC Adapter	H6Y82AA	

Cases and Covers

Cases

HP Prelude Pro Recycled Top Load	**1X645AA ★**	
HP 15.6 Business Top Load	2SC66A6	obsolete
HP 15.6 Business Top Load	2SC66AA	obsolete
HP 15.6 Business Top Load	2SC66ET	obsolete
HP 17.3 Business Slim Top Load	2UW02A6	obsolete
HP 17.3 Business Slim Top Load	2UW02AA	obsolete
HP Executive 15.6 Leather Top Load	6KD09AA	
HP Executive 15.6 Top Load	6KD06AA	
HP Executive 17.3 Top Load	6KD08AA	
HP Prelude 15.6-inch Laptop Bag	2Z8P4AA	
HP Prelude 15.6-inch Topload	1E7D7AA	
HP Prelude G2 15.6 TL (Bulk 20)	1E7D7A6	
HP Prelude Pro Rec 15.6 TL (Bulk 12)	1X645A6	
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	

Backpacks

HP Prelude Pro 15.6-inch Recycled Backpack	**1X644AA ★**	
HP Prelude 15.6-inch Backpack	**2Z8P3AA ★**	
HP Prelude Backpack 15.6	**1E7D6AA ★**	
HP Prelude Backpack 15.6	**50P32AA ★**	
HP 17.3 Business Backpack	2SC67A6	obsolete
HP 17.3 Business Backpack	2SC67AA	obsolete

HP 17.3 Business Backpack	2SC67ET	obsolete
HP Executive 15.6 Backpack	6KD07AA	
HP Executive 17.3 Backpack	6KD05AA	
HP Prelude Backpack 15.6	1E7D6A6	
HP Prelude Pro 15.6-inch Recycled Backpack	1X644A6	
HP Renew Business 17.3-inch Laptop Backpack	3E2U5A6	
HP Renew Business 17.3-inch Laptop Backpack	3E2U5AA	

Docking and Port Replicators

Docking Stations

HP USB-C/A Universal Dock G2	**5TW13AA ★**
HP USB-C/A Universal Dock G2	5TW13ET

Keyboards/Mice and Input Devices

Mice

HP Comfort Grip Wireless Mouse	**H2L63AA ★**
HP 3-button USB Laser Mouse	H4B81AA
HP 3-button USB Laser Mouse	H4B81ET
HP Wired Desktop 320M Mouse	9VA80AA
HP Wired Desktop 320M Mouse	9VA80ET
HP Wireless Premium Mouse	1JR31AA
HP X4000b Bluetooth Mouse	H3T50AA
USB Travel Mouse	G1K28AA
USB Travel Mouse	G1K28ET

Keyboard and Mouse Kits

HP Slim Wireless Keyboard and Mouse	T6L04AA
HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
HP Wired Desktop 320MK Mouse and Keyboard	9SR36ET
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165AA

Keyboards

HP Wired Desktop 320K Keyboard	9SR37AA
HP Wired Desktop 320K Keyboard	9SR37ET
HP Wireless (Link-5) Keyboard	T6U20AA

Security and Protection

Privacy Filter

HP 15.6-in Privacy Filter	J7H71AA

Cabinets and Stands

Carts

HP 20 Mgd Charging Cart V2	T9E83AA
HP 30 Mgd Charging Cart V2	T9E85AA

PC Drives and Storage

PC DVD Drives

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

Cables/Cable Kits/Cable Adapters

Audio and Video Cables

HP HDMI to DVI Adapter	F5A28AA

Graphics Cards

Graphics Connectors/Adapters

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

Audio/Multimedia and Communication Devices

Headsets

HP Stereo 3.5mm Headset	T1A66AA
HP Stereo USB Headset	T1A67AA

Monitors

Business Monitors

★ : Recommended

P-Series

HP P24 G4 24 FHD Monitor	**1A7E5AA ★**
HP P24v G4 Monitor	**9TT78AA ★**
HP P22va G4 FHD Monitor	**453D2AA ★**
HP P19b G4 Monitor	9TY83AA
HP P19b G4 Monitor	9TY83AS
HP P19b G4 Monitor	9TY83AT
HP P21b G4 Monitor	9TY24AA
HP P21b G4 Monitor	9TY24AS
HP P21b G4 Monitor	9TY24AT
HP P22 G4 22 FHD Monitor	1A7E4AA
HP P22 G4 22 FHD Monitor	1A7E4AT
HP P22h G4 FHD Monitor	7UZ36AA
HP P22h G4 FHD Monitor	7UZ36AS
HP P22h G4 FHD Monitor	7UZ36AT
HP P22v G4 Monitor	9TT53AA
HP P22v G4 Monitor	9TT53AS
HP P22v G4 Monitor	9TT53AT
HP P22va G4 FHD Monitor	453D2AS
HP P22va G4 FHD Monitor	453D2AT
HP P24 G4 24 FHD Monitor	1A7E5AS
HP P24 G4 24 FHD Monitor	1A7E5AT
HP P24h G4 FHD Monitor	7VH44AA
HP P24h G4 FHD Monitor	7VH44AS
HP P24h G4 FHD Monitor	7VH44AT
HP P24q G4 QHD Height Adjust Monitor	8MB10AA
HP P24q G4 QHD Height Adjust Monitor	8MB10AT
HP P24v G4 Monitor	9TT78AS
HP P24v G4 Monitor	9TT78AT
HP P27h G4 FHD Monitor	7VH95AA
HP P27h G4 FHD Monitor	7VH95AT

HP P27q G4 QHD Height Adjust Monitor	8MB11AA
HP P27q G4 QHD Height Adjust Monitor	8MB11AT
HP P27v G4 Monitor	9TT20AA
HP P27v G4 Monitor	9TT20AS
HP P27v G4 Monitor	9TT20AT

E-Series

HP E22 G4 FHD Monitor	9VH72AA
HP E22 G4 FHD Monitor	9VH72AS
HP E22 G4 FHD Monitor	9VH72AT
HP E23 G4 FHD Monitor	9VF96AA
HP E23 G4 FHD Monitor	9VF96AS
HP E23 G4 FHD Monitor	9VF96AT
HP E23 G4 FHD Without Video Cable Monitor	9VF96A3
HP E24 G4 FHD Monitor	9VF99AA
HP E24 G4 FHD Monitor	9VF99AS
HP E24 G4 FHD Monitor	9VF99AT
HP E24 G4 FHD Without Video Cable Monitor	9VF99A3
HP E24i G4 WUXGA Monitor	9VJ40AA
HP E24i G4 WUXGA Monitor	9VJ40AS
HP E24i G4 WUXGA Monitor	9VJ40AT
HP E24i G4 WUXGA Without Video Cable Monitor	9VJ40A3
HP E24mv G4 FHD Conferencing Monitor	169L0AA
HP E24mv G4 FHD Conferencing Monitor	169L0AS
HP E24mv G4 FHD Conferencing Monitor	169L0AT
HP E24q G4 QHD Monitor	9VG12AA
HP E24q G4 QHD Monitor	9VG12AT
HP E24t G4 FHD Touch Monitor	9VH85AA
HP E24t G4 FHD Touch Monitor	9VH85AS
HP E24t G4 FHD Touch Monitor	9VH85AT
HP E27 G4 FHD Monitor	9VG71AA
HP E27 G4 FHD Monitor	9VG71AS
HP E27 G4 FHD Monitor	9VG71AT
HP E27 G4 FHD Without Video Cable Monitor	9VG71A3
HP E27q G4 QHD Monitor	9VG82AA
HP E27q G4 QHD Monitor	9VG82AT

HP E27q G4 QHD Without Video Cable Monitor	9VG82A3

Z Displays

HP Z24f G3 FHD Display	3G828AA
HP Z24f G3 FHD Display	3G828AT
HP Z24n G3 WUXGA Display	1C4Z5AA
HP Z24n G3 WUXGA Display	1C4Z5AT
HP Z27q G3 QHD Display	1C4Z7AA
HP Z27q G3 QHD Display	1C4Z7AT

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