



HP 255 G7 Notebook PC (214L8ES)

Overview

Budget friendly. Business ready.

Get connected with the value-priced HP 255 Laptop PC with the latest technology and a durable chassis that helps protect the PC. Complete business tasks with an AMD Ryzen™ processor[2] and essential collaboration tools.

Powered for business

Confidently complete projects with the latest technology including a powerful AMD Ryzen™ processor[2], fast memory, and plenty of storage.

Well-connected

This notebook is ready to connect to all your peripherals[3] and is designed to fit the needs of business with an RJ-45 port and HDMI port.

Durable mobile design

Rest assured that the HP 255 can keep up with mobile workstyles with a thinner and lighter design. The durable chassis protects the notebook, so it looks as professional as you do.

[2] 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.

[3] Sold separately or as an optional feature.

Specifications

Operating system	FreeDOS
Product color	Dark ash silver
Processor family	AMD Athlon™ Silver APU processor
Processor	AMD Athlon™ Silver 3050U (2.3 GHz base clock, up to 3.2 GHz max boost clock, 1 MB L2 cache, 2 cores) ^[6,7]
Memory	4 GB DDR4-2400 SDRAM (1 x 4 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB SATA 3 TLC M.2 SSD
Optical drive	DVD-Writer
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Display	39.6 cm (15.6") diagonal, HD (1366 x 768), anti-glare, 220 nits, 45% NTSC
Display	15.6" diagonal, HD (1366 x 768), anti-glare, 220 nits, 45% NTSC ^[15,16]
Display size (diagonal)	39.6 cm (15.6")
Audio	Dual stereo speakers
Minimum dimensions (W x D x H)	37.6 x 24.6 x 2.25 cm
Weight	Starting at 1.78 kg (Weight will vary by configuration.)
Keyboard	Full-size keyboard with numeric keypad
Pointing device	Touchpad with multi-touch gesture support
Camera	VGA camera
Ports	2 USB 3.1 Gen 1; 1 USB 2.0; 1 HDMI 1.4b; 1 RJ-45; 1 headphone/microphone combo; 1 AC power (Cables are not included.)
Expansion slots	1 multi-format digital media reader (Supports SD, SDHC, SDXC.)
Wireless	Realtek 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 combo
Power	HP Smart 45 W External AC power adapter ^[21]
Battery type	HP Long Life 3-cell, 41 Wh Li-ion
Battery weight	0.18 kg
Security management	TPM 2.0; Security lock slot ^[18,19]
Software included	HP JumpStart; HP Support Assistant; McAfee LiveSafe™; HP Audio Switch; HP Documentation; HP Setup Integrated OOB; HP SSRM ^[17]
UPC number	195122949150

Manufacturer Warranty

1 year standard parts and labor limited warranty (1-1-0), depending on country (upgrades available). 1 year limited warranty on primary battery.
[22]

Additional specifications

Accessories	HP 3005PR USB3 Port Replicator Y4H06AA; HP USB Travel Dock T0K30AA; HP 45W Smart AC Adapter 4.5mm H6Y88AA; HP 65W Slim AC Adapter H6Y82AA; HP Slim Wireless Keyboard and Mouse T6L04AA
Additional information about HP in the countries	hp.com
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® 4.2
Brightness	220 nits
Color gamut	45% NTSC
Datasheet photo 1	AHID/27cc4b1d97acb6db94f48c37722baf2638a15ffe
Datasheet photo 2	Publication logos/HP_Care_Pack_RGB_blue_NT.jpg
Datasheet photo 3	AHID/ef6e3ec95fa06092050c31c7ba8c5a2c9656ee5f
Datasheet photo 4	AHID/236512d8b5f20c44ed34a3681954e50efa8d504d
Datasheet photo 5	AHID/d1a4b82d72e70d102d5e0f100578b857894801a9
Datasheet publication number	4AA7-4136
Display	39.6 cm (15.6") diagonal HD display
Display	15.6" diagonal HD display
Display brightness	220
Display brightness uom	nits
Display resolution (pixels)	1366 x 768
Display resolution standard	HD
Display size (diagonal) uom	"
Display size (diagonal, imperial)	15.6
Display size (diagonal, metric)	39.6
Display size (diagonal, metric) uom	cm
Display surface treatment	anti-glare

ECC memory	No
Fingerprint reader	Fingerprint reader not available
Legal tagline	HP recommends Windows 10 Pro.
MDA key selling point	Windows 10 or other operating systems available
Memory and storage	4 GB memory; 256 GB SSD storage
Memory layout (slots & size)	1 x 4 GB
Memory module type	DIMM
Memory size	4
Memory size uom	GB
Memory speed	2400
Memory speed uom	MHz
Memory type	DDR4
Number of memory slots	1
Processor Brand	AMD
Processor base frequency	2.3
Processor base frequency uom	GHz
Processor cache	1 MB L2
Processor core	2
Processor family	Athlon™ Silver
Processor maximum frequency	3.2
Processor maximum frequency uom	GHz
Processor model	3050U
Processor threads	4
Product brand name	HP
Product long name specifications	HP 255 G7 Notebook PC, 15.6", FreeDOS, AMD Athlon™ Silver, 4GB RAM, 256GB SSD, HD

Sales office and telephone number

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Standard memory note	Transfer rates up to 2400 MT/s.
Storage capacity 01	256
Storage capacity uom 01	GB
Storage form factor 01	M.2
Storage interface 01	SATA 3
Storage memory technology 01	TLC
Storage type	SSD
Storage type 01	SSD
Touchscreen	No
UNSPSC code	43211503
Wireless Model	RTL8821CE
Wireless antenna	1x1
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Realtek

[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.

[15] HD content required to view HD images.

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

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

[18] Firmware TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT). TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).

[19] Lock sold separately.

[21] Availability may vary by country.

[22] 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.

[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

Connectivity Adapters

HP 4.5 mm and USB-C Dock Adapter G2	6LX61AA
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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	
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	

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

Docking and Port Replicators

Docking Stations

HP USB-C/A Universal Dock G2	5TW13AA ★	
HP Elite USB-C Hub	4WX89AA	obsolete
HP USB-C/A Universal Dock G2	5TW13ET	

Security and Protection

Privacy Filter

HP 15.6-in Privacy Filter	J7H71AA	
HP 15.6-inch Touchable Privacy Filter	3KP53AA	

PC Locks

HP Business PC Security Lock v3 Kit	3XJ17AA	
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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	
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Cable Adapters

HP USB-C to DP Adapter	N9K78AA	
HP USB-C to HDMI 2.0	1WC36AA	
HP USB-C to RJ45 Adapter	V7W66AA	
HP USB-C to USB 3.0 Adapter	N2Z63AA	
HP USB-C to VGA Adapter	N9K76AA	

Graphics Cards

Graphics Connectors/Adapters

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

Point of Sales System Options

POS Display Accessories

HP L5010ta	2KY27AA
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Rack Brackets/Bezels/ Panels/Rails/ Trays/Mounting

Mounting Kits

HP PC Mounting Bracket for Monitors	N6N00AA	obsolete
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Audio/Multimedia and Communication Devices

Headsets

HP Stereo 3.5mm Headset	T1A66AA
HP Stereo USB Headset	T1A67AA

Monitors

Business Monitors

★ : Recommended

Z Displays

HP DreamColor Z31x Studio Display	Z4Y82A4
HP Z24f G3 FHD Display	3G828AA
HP Z24n G3 WUXGA Display	1C4Z5AA
HP Z24u G3 WUXGA USB-C Display	1C4Z6AA
HP Z25xs G3 QHD USB-C DreamColor Display	1A9C9AA
HP Z27k G3 4K USB-C Display	1B9T0AA
HP Z27q G3 QHD Display	1C4Z7AA
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 Z38c 37.5-inch Curved Display	Z4W65AT
HP Z43 42.5-inch 4K UHD Display	1AA85A4

E-Series

HP E22 G4 FHD Monitor	9VH72AA
HP E23 G4 FHD Monitor	9VF96AA
HP E24 G4 FHD Monitor	9VF99AA
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 E27q G4 QHD Monitor	9VG82AA
HP E27u G4 QHD USB-C Monitor	189T3AA

EliteDisplays

HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AA
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AT

HP EliteDisplay E243m 60.45 cm (23.8") Monitor	1FH48AA
HP EliteDisplay E273m 68.58 cm (27") Monitor	1FH51AA

Healthcare Edition Displays

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

P-Series

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 P24h G4 FHD Monitor	7VH44AT
HP P24q G4 QHD Height Adjust Monitor	8MB10AA
HP P24v G4 Monitor	9TT78AA
HP P27h G4 FHD Monitor	7VH95AA
HP P27h G4 FHD Monitor	7VH95AT
HP P27q G4 QHD Height Adjust Monitor	8MB11AA
HP P27v G4 Monitor	9TT20AA

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