



HP 250 G8 Notebook PC (2W8Y6EA)



Overview

Budget friendly. Business ready.

Get connected with the HP 250 Laptop PC with powerful technology and a streamlined chassis that's easy to take everywhere you go. Complete business tasks with an Intel® processor[2] and essential collaboration tools.

Nice and light

The HP 250 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.

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.

Built for work and ready for fun

Confidently complete projects with the latest technology including a powerful Intel® processor[2], memory, and storage.

Features

Let nothing stand in your way

Power through your day with Windows 10 Pro and the powerful security, collaboration and connectivity features from HP.^[1]

High performance, high portability

Help speed up demanding business applications with a quad-core 11th Gen Intel® Core™ processor, with breakthrough Intel® Iris® Xe graphics.^[2]

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.^[3]

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.

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

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

[3] 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 10 Pro ^[1] <i>(Device comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see Windows 11 Specifications).)</i>
Product color	Asteroid silver
Processor family	11th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-1135G7 (up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) ^[6,7]
Memory	16 GB DDR4-2666 MHz RAM (2 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	512 GB PCIe® NVMe™ SSD
Optical drive	Not included
Graphics	Integrated
Graphics (integrated)	Intel® Iris® Xe 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 ^[14,16]
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 <i>(Weight will vary by configuration.)</i>
Keyboard	Full-size keyboard with numeric keypad
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 <i>(HDMI cable sold separately.)</i>
Expansion slots	1 multi-format digital media reader <i>(Supports SD, SDHC, SDXC.)</i>
Network interface	Realtek RTL8111HSH-CG 10/100/1000 GbE NIC
Wireless	Realtek 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo
Power	HP Smart 45 W External AC power adapter ^[21]
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 ^[19]
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 ^[12,17,18,25]
UPC number	(A2Q) 195908127208; (ABB) 195908505358; (ABD) 195697601156; (ABE) 195697601170; (ABZ) 195908579052; (ACB) 195697106330; (BED) 195908808640; (UUW) 195908190745
Manufacturer Warranty	1 year (1-1-0) limited warranty and service offering includes 1 year of parts and labor. Terms and conditions vary by country. Certain restrictions and exclusions apply. ^[22]

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® 5.0
Brightness	250 nits
Camera resolution (vertical)	720p
Camera resolution standard	HD
Color gamut	45% NTSC
Datasheet photo 1	AHID/9ef302c565e4ee102f12e455ccd8bfffea1450bf
Datasheet photo 2	Publication logos/HP_Care_Pack_RGB_blue_NT.jpg
Datasheet photo 3	AHID/70845dfbf535c3aff4758cf2a93a75f35ba0ce0a
Datasheet photo 4	AHID/a2bf67583981a8fecff2b9c1ff6506a964662294
Datasheet photo 5	AHID/e9fcdf8d33d9ea39e9b12a326ba082c2879c13a2
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

Graphic card footnote number	[15]
Keyboard keypad	numeric keypad
Keyboard size	Full-size
Legal tagline	HP recommends Windows 11 Pro for business
Memory and storage	16 GB memory; 512 GB SSD storage
Memory layout (slots & size)	2 x 8 GB
Memory module type	DIMM
Memory size	16
Memory size uom	GB
Memory speed	2666
Memory speed uom	MHz
Memory type	DDR4
Number of memory slots	2
Processor Brand	Intel®
Processor cache	8 MB L3
Processor core	4
Processor family	Core™ i5
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	11th Generation
Processor maximum frequency	4.2
Processor maximum frequency uom	GHz
Processor model	1135G7
Processor threads	8
Product brand name	HP
Product long name specifications	HP 250 G8 Notebook PC, 15.6", Windows 10 Pro, Intel® Core™ i5, 16GB RAM, 512GB SSD, FHD

Sales office and telephone number

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Standard memory note	Transfer rates up to 2666 MT/s.
Storage capacity	512
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 6 AX200
Wireless antenna	2x2
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Realtek

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

[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 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.

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

[14] 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] 30-day McAfee® LiveSafe™ trial included. Internet access required and not included. Subscription required after expiration. See WWW.McAfee.com for more details.

[19] 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).

[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.

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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>.

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 15.6-inch Recycled Top Load	1X645AA ★	
HP 17.3 Business Slim Top Load	2UW02AA	obsolete
HP Executive 15.6 Leather Top Load	6KD09AA	obsolete
HP Executive 15.6 Top Load	6KD06AA	
HP Executive 17.3 Top Load	6KD08AA	obsolete
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 Executive 15.6 Backpack	6KD07AA	
HP Executive 17.3 Backpack	6KD05AA	obsolete
HP Prelude G2 15.6 Backpack (Bulk Qty.15)	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	obsolete
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
HP 15.6-inch Touchable Privacy Filter	3KP53AA

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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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	obsolete
HP Stereo 3.5mm Headset G2	428H6AA	
HP Stereo 3.5mm Headset G2	428K7AA	
HP Stereo USB Headset	T1A67AA	obsolete
HP Stereo USB Headset G2	428H5AA	
HP Stereo USB Headset G2	428K6AA	

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	obsolete
HP P21b G4 Monitor	9TY24AS	obsolete
HP P21b G4 Monitor	9TY24AT	obsolete
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

Business LCD Monitors

HP P204v 19.5-inch Monitor	5RD66AA
HP P204v 19.5-inch Monitor	5RD66AS
HP P204v 19.5-inch Monitor	5RD66AT

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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