

Overview

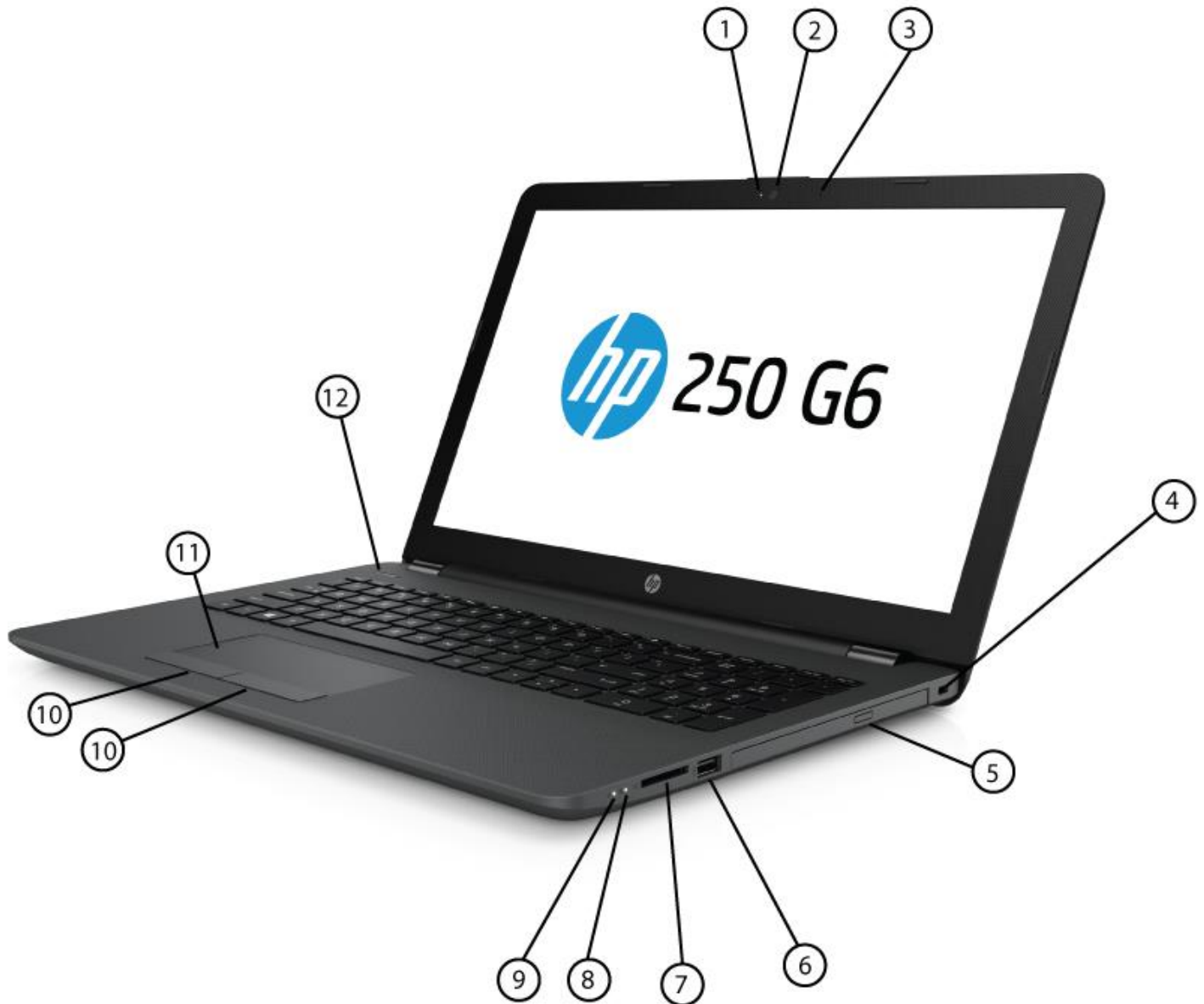
HP 250 G6 Notebook PC



Front

- | | |
|----------------------------|-------------------------------|
| 1. Webcam LED | 8. USB 3.1 (Gen 1) port |
| 2. Webcam | 9. HDMI port |
| 3. Microphone | 10. RJ-45/Ethernet port |
| 4. Touchpad | 11. VGA port |
| 5. Touchpad buttons | 12. AC plug LED |
| 6. Audio in/out combo jack | 13. AC Smart Pin adapter plug |
| 7. USB 3.1 (Gen 1) port | 14. Power button |

Overview



Right

- | | |
|---|-----------------------------|
| 1. Webcam LED | 7. SD Card slot |
| 2. Webcam | 8. Hard drive indicator LED |
| 3. Microphone | 9. Power indicator LED |
| 4. Security lock slot (Locks sold separately) | 10. Touchpad buttons |
| 5. Optical drive (optional) | 11. Touchpad |
| 6. USB 2.0 port | 12. Power button |

Overview

AT A GLANCE

- Windows 10 versions, FreeDOS 2.0
- Choice of the latest Intel® Core™, Intel® Pentium®, or Intel® Celeron® processors
- Intel® HD Graphics or AMD Radeon™ 520 (up to 2 GB of dedicated video memory)
- New Dark Ash Silver color with a fresh woven texture
- Display choices include: 15.6" diagonal HD or FHD
- Choice of hard drives up to 1 TB or M.2 SATA solid state drives up to 512 GB
- Weight starting at: 4.1 lbs (1.86 kg)
- Security features including FW TPM 2.0 and security lock slot (Lock not included)
- Keyboard
 - Full size textured island-style keyboard with numeric pad on the HP 250 G6"
- Touchpad with gestures support
- HP webcam with single digital microphone and HD (supporting WDR- Wide Dynamic Range) or VGA camera
- Two USB 3.1 (Gen 1) ports and One USB 2.0 port
- Wireless LAN (WLAN) up to 2x2 802.11ac to keep you connected

NOTE: See important legal disclosures for all listed specs in their respective features sections.

Features

PRODUCT NAME

HP 250 G6 Notebook PC

OPERATING SYSTEM

Preinstalled OS	Windows 10 Pro 64 ¹ Windows 10 Pro 64 (National Academic only) ¹ Windows 10 Home 64 ¹ Windows 10 Home Single Language 64 ¹ FreeDOS 2.0
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NOTE 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 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/>.

PROCESSOR

Intel® Core™ i7-7500U with Intel® HD Graphics 620 (2.7 GHz, up to 3.5 GHz with Intel Turbo Boost Technology, 4 MB cache, 2 cores) ^{2,3}

Intel® Core™ i5-7200U with Intel® HD Graphics 620 (2.5 GHz, up to 3.1 GHz with Intel Turbo Boost Technology, 3 MB cache, 2 cores) ^{2,3}

Intel® i3-6006U with Intel® HD Graphics 520 (2 GHz, 3 MB cache, 2 cores) ²

Intel® Pentium® N3710 with Intel® HD Graphics 405 (1.6 GHz, up to 2.56 GHz, 2 MB cache, 4 cores) ²

Intel® Celeron® N3060 with Intel® HD Graphics 400 (1.6 GHz, up to 2.48 GHz, 2 MB cache, 2 cores) ²

Processor Family

7th Generation Intel® Core™ i7 processor (7500U model)

7th Generation Intel® Core™ i5 processor (7200U model)

6th Generation Intel® Core™ i3 processor (6006U model)

Intel Braswell processor (Pentium N3710, Celeron N3060)

NOTE 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 is not a measurement of higher performance.

NOTE 3: In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on <http://www.support.hp.com>.

CHIPSET

Chipset is integrated with processor

Features

GRAPHICS

Integrated

Intel® HD Graphics 620 ⁴

Intel® HD Graphics 520 ⁴

Intel® HD Graphics 405 ⁴

Intel® HD Graphics 400 ⁴

Discrete

AMD Radeon™ 520 (up to 2048 MB of dedicated video memory) ^{5,6}

NOTE 4: HD content required to view HD images.

NOTE 5: AMD Dynamic Switchable Graphics technology requires an Intel processor, plus an AMD Radeon™ discrete graphics configuration and is not available on FreeDOS. With AMD Dynamic Switchable Graphics technology, full enablement of all discrete graphics video and display features may not be supported on all systems (e.g. OpenGL applications will run on the integrated GPU or the APU as the case may be).

NOTE 6: Available on select processors.

NOTE 7: Cables sold separately.

DISPLAY

Internal

39.6 cm (15.6") diagonal HD SVA eDP anti-glare slim WLED (1366 x 768) ^{4,8}

39.6 cm (15.6") diagonal FHD SVA eDP anti-glare slim WLED (1920 x 1080) ^{4,8}

NOTE 4: HD content required to view HD images.

NOTE 8: Resolutions are dependent upon monitor capability, and resolution and color depth settings.

STORAGE AND DRIVES

Primary Storage

Support all 7.2mm/9.5mm, SATA 2.5" Hard Drives

1 TB SATA 5400 rpm SATA (7.2/9.5 mm) ⁹

500 GB SATA 5400 rpm SATA (7 mm) ⁹

500 GB SATA 7200 rpm SATA (7 mm) ⁹

M.2 SATA-3 Solid State Drives

128 GB M.2 SATA SSD ⁹

256 GB M.2 SATA SSD ⁹

512 GB M.2 SATA SSD ⁹

128 GB eMMC ⁹

Optical Drive

Optional DVD+/-RW Double-Layer Writer ^{10,11}

NOTE 9: For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) is reserved for system recovery software.

NOTE 10: HD-DVD disks cannot be played on this drive. No support for DVDRAM. Actual speeds may vary. Don't copy copyright-protected materials. Double Layer discs can store more data than single layer discs; discs burned with this drive may not be compatible with many existing single-layer DVD drives and players.

Features

NOTE 11: Sold separately or as an optional feature.

MEMORY

DDR4 (Intel® Core™ i7-7500U, i5-7200U, i3-6006U processors only)
DDR4-2133 (Transfer rates up to 2133 MT/s) (DDR4-2400 bridge to DDR4-2133)
Dual channel support
No customer accessible / upgradeable

Configurations

4096 MB Total System Memory (4096 MB x 1)
6144 MB Total System Memory (2048 MB x 1 + 4096 MB x 1)
8192 MB Total System Memory (4096 MB x 2)
8192 MB Total System Memory (8192 MB x 1)

Maximum

Up to 8 GB DDR4-2133 SDRAM
DDR3L (Intel® Pentium® N3710, Celeron® N3060 processors only)
DDR3L-1600 (Transfer rates up to 1600 MT/s)
Single channel support
No customer accessible / upgradeable

Configurations

2048 MB Total System Memory (2048 MB x 1)
4096 MB Total System Memory (4096 MB x 1)
8192 MB Total System Memory (8192 MB x 1)

Maximum

Up to 8 GB DDR3L-1600 SDRAM

Features

NETWORKING/COMMUNICATIONS

Wireless LAN (WLAN)

Realtek 802.11b/g/n (1x1) WiFi and Bluetooth® 4.0 Combo ¹²

Intel® Dual Band Wireless-AC 3168 802.11ac (1x1) Wi-Fi and Bluetooth® 4.2 Combo (non-vPro™) ¹²

Intel® Dual Band Wireless-AC 7265 802.11ac (2x2) WiFi and Bluetooth® 4.2 Combo (non-vPro™) ¹²

Ethernet

Integrated 10/100/1000 NIC

Communications

Compatible with Miracast-certified devices ¹³

NOTE 12: Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications 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 802.11ac WLAN devices.

NOTE 13: 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>.

AUDIO/MULTIMEDIA

Audio

(2) Integrated stereo speakers

Camera

HP TrueVision HD Camera ⁴

Indicator LED, USB2.0, HD BSI sensor, f2.0, WDR

720p by 30 frames per second

Single digital microphone

Webcam

HP Webcam ¹⁴

VGA camera, indicator LED, USB 2.0, f2.4

480p by 30 frames per second

Single digital microphone

NOTE 4: HD content required to view HD images.

NOTE 14: Wireless access point and Internet service is required and is not included. Availability of public wireless access points limited.

KEYBOARDS/POINTING DEVICES/BUTTONS & FUNCTION KEYS

Keyboard

Full size textured island-style keyboard with numeric keypad

Jet black

Touchpad

Multitouch gestures enabled

Support Modern Trackpad Gestures

Taps enabled as default

Features

SOFTWARE AND SECURITY

Preinstalled Software

Buy Office
HP JumpStart
Discover HP Touchpoint Manager ¹⁵
Windows 10 Redstone1 Recovery Manager Installer - CPS
Windows 10 Redstone1 Push Button Reset Recovery - CPS
HP Support Assistant
HP PC Hardware Diagnostics UEFI
HP ePrint ¹⁶
HP System Event Utility
CyberLink Power Media Player
Bing Search for IE11
Security
firmware TPM 2.0
Security lock slot (Locks sold separately)

NOTE15: HP Touchpoint Manager requires purchase of a subscription and supports Android™, iOS and Windows 7 or higher operating systems and PCs, notebooks, tablets and smartphones from various manufacturers. Not available in all countries see <http://www.hp.com/touchpoint> for availability information.

NOTE16: Requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter). Requires optional broadband module. Broadband use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary.

POWER

Power Supply

65 W Smart AC adapter ¹⁷
65 W EM Smart AC adapter ¹⁷
45 W Smart AC adapter ¹⁷

Primary Battery

HP 3-cell battery, 31 Whr Li-ion
HP 4 cell battery, 41 Whr Li-ion

Power Cord

1 M (3.28 feet) length power cord with sticker label

Battery life

7th gen core CPU: Up to 12 hours (4 cell battery) ¹⁸
6th gen core CPU: Up to 10 hours (4 cell battery) ¹⁸
Intel® Pentium® and Celeron® CPU: Up to 9 hours and 30 minutes (4 cell battery) ¹⁸
Fast Charge (90 mins, 90% charged)
Supports battery fast charge

NOTE 17: Availability may vary by country.

Features

NOTE 18: Windows 10 MM14 battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See www.bapco.com for additional details.

WEIGHTS & DIMENSIONS

Weight

Starting at 1.86 kg (4.1 lb) ¹⁹

NOTE 19: Weight varies by configuration and components.

Dimensions (W x D x H)

38 x 25.38 x 2.38 cm

14.96 x 9.99 x 0.93 in

PORTS/SLOTS

Ports/Connectors

USB 3.1 (Gen 1) ports - Two (Left)

USB 2.0 port - One (Right)

HDMI 1.4b - One ²⁰

VGA port - One

RJ-45 / Ethernet - One ²⁰

Headphone / microphone combo jack - One

AC Smart adapter port - One

Slots

HP Multi-Format Digital Media Card Reader

Supports SD/SDHC/SDXC

NOTE 20: All cables are sold separately.

Features

SERVICE AND SUPPORT

HP Services offers limited 1-year warranty; 1-year limited warranty on primary battery. On-site service is also available with optional HP Care Services, which extend protection beyond the standard limited warranty. To choose the right level of service for your HP product, use the HP Care Services Lookup Tool at: <http://www.hp.com/go/lookuptool>. Additional HP Care Services, information by product is available at: <http://www.hp.com/go/cpc>.²¹

NOTE 21: 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.

Options and Accessories (sold separately and availability may vary by country)

Type	Description	Part Number
Monitors	HP S140u 14-inch Portable Display	G8R65AA
	HP ProDisplay P223 21.5-inch Monitor	X7R61AA
	HP ProDisplay P232 23-inch Monitor	K7X31AA
	HP ProDisplay P240va 23.8-inch Monitor	N3H14AA

Summary of Changes

Date of change:	Version History:		Description of change:
	From v1 to v2		

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