



## HP 250 G7 Notebook PC (6VV93PA)

Active as of 14/03/2019



### Overview

#### **Budget friendly. Business ready.**

Get connected with the value-priced HP 250 Notebook PC with the latest technology and a durable chassis that helps protect the notebook. Complete business tasks with Windows 10 Pro<sup>1</sup>, Intel® processors<sup>2</sup>, and essential collaboration tools.

The HP 250 Notebook PC is a value-priced notebook with Windows 10 Pro<sup>1</sup>, a 15.6-inch diagonal display, Intel® processors<sup>2</sup>, and essential collaboration tools.

#### **Powered for business**

Confidently complete projects with the latest technology including intuitive Windows 10 Pro<sup>1</sup> and the power of 7th or 8th generation Intel® Core™ processors<sup>2</sup> with optional DDR4 memory<sup>3</sup> or Intel® Optane™ memory<sup>4</sup> and solid-state storage options.<sup>3</sup>

#### **Well-connected**

This notebook is ready to connect to all your peripherals<sup>3</sup> 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 250 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.

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### Specifications

#### **Operating system**

Windows 10 Home 64 – HP recommends Windows 10 Pro.

#### **Processor family**

Intel® Celeron® processor

#### **Processor**

Intel® Celeron® N4000 with Intel® UHD Graphics 600 (1.1 GHz base frequency, up to 2.6 GHz burst frequency, 4 MB cache, 2 cores)<sup>6,7</sup>

#### **MDA key selling point**

Windows 10 or other operating systems available

#### **Security management**

TPM 2.0; Security lock slot

#### **Memory**

4 GB DDR4-2400 SDRAM (1 x 4 GB)

**Internal Storage**

500 GB 7200 rpm SATA

**Graphics**

Integrated

**Graphics (integrated)**

Intel® UHD Graphics 600

**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

**Camera**

HP TrueVision HD Camera

**Audio features**

Dual stereo speakers

**Pointing device**

Touchpad with multi-touch gesture support

**Keyboard**

Full-size island-style keyboard with numeric keypad

**Network interface**

Integrated 10/100/1000 GbE NIC

**Wireless**

Realtek 802.11ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo

**Power**

HP Smart 45 W External AC power adapter

**Battery type**

HP Long Life 3-cell, 41 Wh Li-ion

**Energy efficiency**

ENERGY STAR® certified

**Minimum dimensions (W x D x H)**

37.6 x 24.6 x 2.25 cm

**Weight**

Starting at 1.78 kg

**Software**

HP JumpStart; HP Support Assistant; McAfee LiveSafe™; HP Audio Switch

**Warranty**

1 year standard parts, labor and on-site limited warranty (1-1-1), depending on country (upgrades available). 1 year limited warranty on primary battery.<sup>26</sup>

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**Overview**

- 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>.
- 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. Intel's numbering, branding and/or naming is not a measurement of higher performance.
- 3 Sold separately or as an optional feature.
- 4 Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system.
- 5 Internet connection required and sold separately.
- 6 Based HP internal testing of SSDs vs. HDDs.


## Specifications

- 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.
- 26 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](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.

**Quick specs (1)**


**WW NB - HP 250 G7 NoteBook PC - 11/07 - EN**  
 HP 250 G7 NoteBook PC

**Images - Product (6)**




**Center facing**

54 x 41 (jpg)	54 x 41 (png)
100 x 70 (jpg)	96 x 72 (jpg)
96 x 72 (png)	99 x 74 (png)
153 x 115 (png)	180 x 135 (png)
240 x 180 (jpg)	240 x 180 (png)
247 x 185 (png)	170 x 190 (jpg)
257 x 193 (png)	320 x 240 (jpg)
320 x 240 (png)	474 x 356 (png)
513 x 385 (png)	400 x 400 (jpg)
400 x 400 (png)	573 x 430 (png)
800 x 600 (png)	1659 x 1246 (png)
1500 x 1381 (jpg)	2972 x 1926 (png)
3046 x 2031 (jpg)	




**Left facing**

54 x 41 (jpg)	54 x 41 (png)
100 x 70 (jpg)	96 x 72 (jpg)
96 x 72 (png)	99 x 74 (png)
153 x 115 (png)	180 x 135 (png)
240 x 180 (jpg)	240 x 180 (png)
247 x 185 (png)	170 x 190 (jpg)
257 x 193 (png)	320 x 240 (jpg)
320 x 240 (png)	474 x 356 (png)
513 x 385 (png)	400 x 400 (jpg)
400 x 400 (png)	573 x 430 (png)
800 x 600 (png)	1659 x 1246 (png)
1500 x 1391 (jpg)	3011 x 1865 (png)
3023 x 1980 (jpg)	



**Right facing**

54 x 41 (jpg)	54 x 41 (png)
100 x 70 (jpg)	96 x 72 (jpg)
96 x 72 (png)	99 x 74 (png)
153 x 115 (png)	180 x 135 (png)
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247 x 185 (png)	170 x 190 (jpg)
257 x 193 (png)	320 x 240 (jpg)
320 x 240 (png)	474 x 356 (png)
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400 x 400 (png)	573 x 430 (png)
800 x 600 (png)	1659 x 1246 (png)
1500 x 1393 (jpg)	3013 x 1864 (png)
3022 x 1976 (jpg)	




**Left profile closed**

54 x 41 (jpg)	54 x 41 (png)
100 x 70 (jpg)	96 x 72 (jpg)
96 x 72 (png)	99 x 74 (png)
153 x 115 (png)	180 x 135 (png)
240 x 180 (jpg)	240 x 180 (png)
247 x 185 (png)	170 x 190 (jpg)
257 x 193 (png)	320 x 240 (jpg)
320 x 240 (png)	2816 x 276 (png)
474 x 356 (png)	513 x 385 (png)
400 x 400 (jpg)	400 x 400 (png)



**Left rear facing**

54 x 41 (jpg)	54 x 41 (png)
100 x 70 (jpg)	96 x 72 (jpg)
96 x 72 (png)	99 x 74 (png)
153 x 115 (png)	180 x 135 (png)
240 x 180 (jpg)	240 x 180 (png)
247 x 185 (png)	170 x 190 (jpg)
257 x 193 (png)	320 x 240 (jpg)
320 x 240 (png)	474 x 356 (png)
513 x 385 (png)	400 x 400 (jpg)
400 x 400 (png)	573 x 430 (png)



**Right profile closed**

54 x 41 (jpg)	54 x 41 (png)
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153 x 115 (png)	180 x 135 (png)
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320 x 240 (png)	2816 x 276 (png)
474 x 356 (png)	513 x 385 (png)
400 x 400 (jpg)	400 x 400 (png)

573 x 430 (png)	800 x 600 (png)
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800 x 600 (png)	1659 x 1246 (png)
1500 x 1393 (jpg)	2958 x 1828 (png)
3020 x 1959 (jpg)	

573 x 430 (png)	800 x 600 (png)
1659 x 1246 (png)	1500 x 1276 (jpg)
3300 x 1528 (jpg)	

## Audio/Multimedia and Communication Devices

### Headsets

Active	HP Stereo 3.5mm Headset	T1A66AA
Active	HP Stereo USB Headset	T1A67AA
Active	HP UC Wired Headset	K7V17AA
Active	HP UC Wireless Duo Headset	W3K09AA
Active	HP UC Wireless Mono Headset	W3K08AA

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## Batteries/Chargers/Adapters

### AC Adapters

Active	HP 7.4 mm to 4.5 DC Dongle	K0Q39AA
Active	HP 45W Smart AC Adapter	H6Y88AA
Active	HP 65W Slim AC Adapter	H6Y82AA
Active	HP 65W Smart AC Adapter	H6Y89AA

### Power Packs

Active	HP Notebook Power Bank	N9F71AA
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## Cabinets and Stands

### Carts

Active	HP 20 Mgd Charging Cart V2	T9E83AA
Active	HP 30 Mgd Charging Cart V2	T9E85AA
Active	HP 32U Essential Charging Cart	1HC89AA

### Monitor Stands

Active	HP Adjustable Dual Display Stand	AW664AA
Active	Monitor Stand	M9X76AA

### Notebook and Monitor Stands

Active	HP Adjustable Display Stand	AW663AA
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### Notebook Stands

Active	HP Dual Hinge II Notebook Stand	E8F99AA
Active	HP Hot Desk 2nd Monitor Arm	W3Z74AA
Active	HP Hot Desk Stand	W3Z73AA

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## Cables/Cable Kits/Cable Adapters

### Audio and Video Cables

Active	HP HDMI to DVI Adapter	F5A28AA
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## Cases and Covers

## Backpacks

Active	HP 17.3 Business Backpack	2SC67AA
Active	HP Essential Backpack	H1D24AA
Active	HP Exec 17.3 Midnight Backpack	1KM17AA
Active	HP Prelude Backpack 15.6	2MW63AA

## Cases

Active	HP 15.6 Business Top Load	2SC66AA
Active	HP 15.6 Prelude Top Load with Mouse Bundle	2MW64AA
Active	HP 17.3 Business Roller Case	2SC68AA
Active	HP 17.3 Business Slim Top Load	2UW02AA
Active	HP 17.3 Leather Black Top Load	P6N25AA
Active	HP Essential Top Load Case	H2W17AA
Active	HP Prelude Top Load 15.6	2MW62AA

## Docking and Port Replicators

### Port Replicators

Active	HP 3005pr USB3 Port Replicator	Y4H06AA
Active	HP USB Travel Dock	T0K30AA

## Graphics Cards

### Graphics Connectors/Adapters

Active	HP HDMI to VGA Adapter	H4F02AA
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## Keyboards/Mice/Monitors and Input Devices

### Keyboard and Mouse Kits

Active	HP Slim USB Keyboard and Mouse	T6T83AA
Active	HP Slim Wireless Keyboard and Mouse	T6L04AA
Active	HP USB Essential Keyboard and Mouse	H6L29AA
Active	HP Wireless (Link-5) Keyboard	T6U20AA

### Keyboards

Active	HP Conferencing Keyboard	K8P74AA
Active	HP Wireless Collaboration Keyboard	Z9N39AA

### Mice

Active	HP 3-button USB Laser Mouse	H4B81AA
Active	HP Comfort Grip Wireless Mouse	H2L63AA
Active	HP Slim Bluetooth Mouse	F3J92AA
Active	HP Ultra Mobile Wireless Mouse	H6F25AA
Active	HP Wireless Premium Mouse	1JR31AA

Active	HP X4000b Bluetooth Mouse	H3T50AA
Active	USB Travel Mouse	G1K28AA

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## PC Drives and Storage

### PC DVD Drives

Active	HP External USB DVDRW Drive	F2B56AA
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## Security and Protection

### PC Locks

Active	HP Combination Lock	T0Y15AA
Active	HP Dual Head Keyed Cable Lock 10 mm	T1A64AA
Active	HP Dual Head Master Cable Lock 10 mm	T1A65AA
Active	HP Essential Combination Lock	T0Y16AA
Active	HP Essential Keyed Cable Lock	T0Y14AA
Active	HP Keyed Cable Lock 10 mm	T1A62AA
Active	HP Master Keyed Cable Lock 10mm	T1A63AA

### Privacy Filter

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



## HP Care Pack Services

### HP Recommends

Active	HP 3 year Next Business Day Onsite Hardware Support for Notebooks	UK703E
Active	HP 3 year Pickup and Return Hardware Support for Notebooks	UK707E
Active	HP 3 year Next Business Day Onsite HW Support w/Accidental Damage Protection-G2 for Notebooks	UK726E

### Personal Systems Commercial Care Pack Services

Active	HP 1 year Post Warranty Pickup and Return Hardware Support for Notebooks	UK740PE
Active	HP 3 year CSR 1 time Select Battery Replacement	UL558E
Active	HP 3 year Long Life Battery Replacement Service for the Primary notebook battery	HX541E
Active	HP 3 year Next Business Day Onsite Hardware Support w/Travel Coverage for Notebooks	UL653E
Active	HP 3 year Pickup and Return Hardware Support for Notebooks	UK707E
Active	HP 3 year Return for Repair Hardware Support for Notebooks	UK722E
Active	HP 3 year Standard Battery Replacement Service for the Primary notebook battery	HX540E
Active	HP 3 year Travel Next business day Onsite with Accidental Damage Protection Gen 2 Notebook Only SVC	UQ825E
Active	HP 3 yr DaaS Proactive Management Standard Service w/Next Business Day Onsite for Notebooks	U9MC4E
Active	HP 4 year CSR 1 time Select Battery Replacement	US467E
Active	HP 4 year Long Life Battery Replacement Service for the Primary notebook battery	HX543E
Active	HP 4 year Next Business Day Onsite Hardware Support w/Travel Coverage for Notebooks	UL654E
Active	HP 4 Year No-CSR Battery Only Replacement Standard Onsite Service - (limited to 1 battery) L	U9UX1E
Active	HP 4 year Pickup and Return Hardware Support for Notebooks	UK720E
Active	HP 4 year Standard Battery Replacement Service for the Primary notebook battery	HX542E
Active	HP 4 year Travel Next business day Onsite with Accidental Damage Protection Gen 2 Notebook Only SVC	UQ827E
Active	HP 5 year Pickup and Return Hardware Support for Notebooks	UK721E

### Personal Systems Hardware Support Onsite Service

Active	HP 1 year Next Business Day Onsite Hardware Support for Notebooks	UK701E
Active	HP 1 year Next Business Day Onsite Hardware Support w/Defective Media Retention for Notebooks	UL656E
Active	HP 1 year Post Warranty Next business day onsite Notebook Only Service	UK738PE
Active	HP 2 year Next Business Day Onsite Hardware Support for Notebooks	UQ877E
Active	HP 3 year 4 hour Onsite Response 9x5 Hardware Support for Notebooks	U0A17E
Active	HP 3 year Next Business Day Onsite Hardware Support for Notebooks	UK703E
Active	HP 3 year Next Business Day Onsite Hardware Support w/ADP-G2/Defective Media Retention for NB	UL846E
Active	HP 3 Year Next Business Day Onsite HW Support W/Accidental Damage Protection (Excess 55ex) for NB	U0VU9E
Active	HP 3 year Next Business Day Onsite HW Support w/Accidental Damage Protection-G2 for Notebooks	UK726E

Active	HP 3 year Next Business Day Onsite HW Support w/Defective Media Retention for Notebooks	UL657E
Active	HP 4 year Next Business Day Onsite Hardware Support for Notebooks	UK716E
Active	HP 4 year Next Business Day Onsite Hardware Support w/Defective Media Retention for Notebooks	UL658E
Active	HP 4 Year Next Business Day Onsite HW Support W/Accidental Damage Protection (Excess 55ex) for NB	U0VV0E
Active	HP 4 year Next Business Day Onsite HW Support w/Accidental Damage Protection-G2 for Notebooks	UK748E
Active	HP 4 year Nextbusday Onsite/Accidental Damage Protection Gen 2/Defective Media Retention NB Only SVC	UL847E
Active	HP 5 year Next Business Day Onsite Hardware Support for Notebooks	UK718E
Active	HP 5 year Next Business Day Onsite Hardware Support w/Defective Media Retention for Notebooks	UL659E
Active	HP 5 year Next Business Day Onsite HW Support w/Accidental Damage Protection-G2 for Notebooks	UM237E

## Detailed Specifications

### Accessories

HP 3005PR USB3 Port Replicator Y4H06AA; HP USB Travel Dock TOK30AA; 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](http://hp.com)

### Audio features

Dual stereo speakers

### Battery life note

Battery is internal and not replaceable by customer. Serviceable by warranty.

### Battery type

HP Long Life 3-cell, 41 Wh Li-ion

### Camera

HP TrueVision HD Camera

### Code name

Potter6U

### Copyright notice

Copyright © 2018 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products are set forth in the express limited warranty statements accompanying such products. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

### Datasheet publication number

4AA7-3902EEAP

### Display

15.6" diagonal HD display

### Display

15.6" diagonal HD SVA eDP anti-glare LED-backlit (1366 x 768)

### Display footnote number

[12,16,19]

### Display size (diagonal)

15.6"

### Energy efficiency

ENERGY STAR® certified

### Expansion slots

1 multi-format digital media reader

### Expansion slots note

Supports SD, SDHC, SDXC.

### Graphics

Integrated

### Graphics (integrated)

Intel® UHD Graphics 600

### Image legal disclaimer

Product image may differ from actual product

### Internal Storage

500 GB 7200 rpm SATA

### Keyboard

Full-size island-style keyboard with numeric keypad

### Legal tagline

HP recommends Windows 10 Pro.

### MDA key selling point

Windows 10 or other operating systems available

### Memory

4 GB DDR4-2400 SDRAM (1 x 4 GB)

**Memory and storage**

4 GB memory; 500 GB HDD storage

**Minimum dimensions (W x D x H)**

37.6 x 24.6 x 2.25 cm

**Network interface**

Integrated 10/100/1000 GbE NIC

**Operating system**

Windows 10 Home 64 – HP recommends Windows 10 Pro.

**Pointing device**

Touchpad with multi-touch gesture support

**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

**Ports note**

Cables are not included.

**Power**

HP Smart 45 W External AC power adapter

**Power supply required footnote number**

[24,25]

**Processor**

Intel® Celeron® N4000 with Intel® UHD Graphics 600 (1.1 GHz base frequency, up to 2.6 GHz burst frequency, 4 MB cache, 2 cores)

**Processor family**

Intel® Celeron® processor

**Processor name footnote number**

[6,7]

**Processor speed**

1.1 GHz

**Product brand name**

HP

**Product long name specifications**

HP 250 G7 Notebook PC with Windows 10 Home 64 – HP recommends Windows 10 Pro; Intel® Celeron® N4000 with Intel® UHD Graphics 600 (1.1 GHz base frequency, up to 2.6 GHz burst frequency, 4 MB cache, 2 cores); 4 GB DDR4-2400 SDRAM (1 x 4 GB); 500 GB 7200 rpm SATA

**Quickspec**

<https://hp.sharepoint.com/teams/PSGWorldWide/Shared%20Documents/HP%20250%20G7%20Series%20Notebook%20PC.pdf>

**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

**Security management**

TPM 2.0; Security lock slot

**Security management footnote number**

[21,22]

**Services (Care Pack)**

This HP services offers notebook users on the go prompt, reliable coverage in major geographies of the world, for 3 years. For more information on Care Pack services, please visit [www.hp.com/go/cpc](http://www.hp.com/go/cpc).

**Software**

HP JumpStart; HP Support Assistant; McAfee LiveSafe™; HP Audio Switch

**Software footnote number**

[20]

**Standard memory note**

Transfer rates up to 2400 MT/s.

**Storage type**

HDD

**Tech spec footnote**

[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/>.

**Tech spec footnote**

[10] Unit shipped with either "DVD+/-RW SuperMulti DL" or "DVD Writer Drive". Units undergoing repairs may be returned with a "DVD+/-RW SuperMulti DL".

**Tech spec footnote**

[11] HD-DVD disks cannot be played on this drive. No support for DVD-RAM. 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.

**Tech spec footnote**

[12] Sold separately or as an optional feature.

**Tech spec footnote**

[13] 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.

**Tech spec footnote**

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

**Tech spec footnote**

[15] The term "10/100/1000" or "Gigabit" Ethernet indicates compatibility with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.

**Tech spec footnote**

[16] HD content required to view HD images.

**Tech spec footnote**

[17] Integrated graphics depends on processor. NVIDIA® Optimus™ technology requires an Intel processor, plus an NVIDIA® GeForce® discrete graphics configuration and is available on Windows 10 Pro OS. With NVIDIA® Optimus™ 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).

**Tech spec footnote**

[18] Internet access required.

**Tech spec footnote**

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

**Tech spec footnote**

[2] Some devices for academic use will automatically be updated to Windows 10 Pro Education with the Windows 10 Anniversary Update. Features vary; see <https://aka.ms/ProEducation> for Windows 10 Pro Education feature information.

**Tech spec footnote**

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

**Tech spec footnote**

[21] 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).

**Tech spec footnote**

[22] Lock sold separately.

**Tech spec footnote**

[23] 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](http://www.bapco.com) for additional details.

**Tech spec footnote**

[24] Recharges the battery up to 90% within 90 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 90% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.

**Tech spec footnote**

[25] Availability may vary by country.

**Tech spec footnote**

[26] 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](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.

**Tech spec footnote**

[27] EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at [www.hp.com/go/options](http://www.hp.com/go/options).

**Tech spec footnote**

[28] HDMI cable sold separately.

**Tech spec footnote**

[29] Dual channel memory support only for 8th and 7th Generation Intel® Core™ processors.

**Tech spec footnote**

[3] 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.

**Tech spec footnote**

[4] Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.

**Tech spec footnote**

[5] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See [www.intel.com/technology/turboboost](http://www.intel.com/technology/turboboost) for more information.

**Tech spec footnote**

[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.

**Tech spec footnote**

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

**Tech spec footnote**

[8] Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.

**Tech spec footnote**

[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.

**Touchscreen**

No

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**Warranty**

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

**Warranty footnote number**

[26]

**Weight**

Starting at 1.78 kg

**Weight note (metric)**

Weight will vary by configuration.

**Wireless**

Realtek 802.11ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo

**Wireless Note**

Compatible with Miracast-certified devices.

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