Overview

HP 250 G10 Notebook PC



Left

- 1. Internal Dual Digital Microphone (2)
- 2. Webcam
- 3. Camera Shutter
- 4. Webcam LED
- 5 Clickpad

- 6. Audio Combo Jack
- **7.** SuperSpeed USB Type-C® 5Gbps signaling rate1 (Supports data transfer only and does not support charging or external monitors)
- **8.** HDMI Port (Cable Sold Separately)
- SuperSpeed USB Type-A 5Gbps signaling rate1 port (USB 3.2 Gen 1)

Overview



Right

- 1. Power Button
- 2. Power Connector

- **3.** SuperSpeed USB Type-A 5Gbps signaling rate1 port (USB 3.2 Gen 1)
- **4.** Fingerprint Reader (Select Models)

Overview

At a Glance

- Preinstalled with Windows 11 Pro, Windows Home or FreeDOS
- Choice of 13th generation Intel® Core™, Intel® Pentium®, or Intel® Celeron® processors
- Choice of 39.62 cm (15.6") diagonal HD and Ultra Wide Viewing Angle FHD 300 nit display
- NVIDIA® GeForce® MX550 (2 GB GDDR6 dedicated) (Optional)
- Optimize your video calls with an FHD camera(optional) and temporal noise reduction that adjusts the lighting to your environment.
- Fast dual channel DDR4 SODIMM memory up to 32 GB
- Enhanced security features including discrete TPM 2.0 for RPL, Firmware TPM for ADL-N and optional Fingerprint reader.
- Weight with basic configurations starting at 3.3 lb / 1.52 kg
- Support wireless options for connectivity on the go including gigabit-speed up to Wi-Fi® 6
- Supports fast charging (50% in 45 minutes) with no impact on battery recharge cycles
- Full size, optional backlit keyboard and spill resistant, clickpad with Precision Touchpad Supported certified
- Camera shutter door to ensure privacy
- Undergoes MIL-STD 810H tests¹

1. MIL-STD 810H is not intended to demonstrate fitness of U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

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



Technical Specifications

PRODUCT NAME

HP 250 G10 Notebook PC

OPERATING SYSTEMS

Preinstalled Windows 11 Pro ¹

Windows 11 Pro Education¹

Windows 11 Home - HP recommends Windows 11 Pro for business1

Windows 11 Home Single Language – HP recommends Windows 11 Pro for business¹ Windows 11 Home Education – HP recommends Windows 11 Pro for business¹

FreeDOS

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.

PROCESSORS

		Number	Number	Threads L3 Cache	12	Max Turbo Frequency		Base Frequency	
Processor 1,2,3,4	Cores	of P-cores	of E-cores		P-cores	E-cores	P-cores	E-cores	
Intel® Core™ i7-1360P	12	4	8	16	18 MB	5.0 GHz	3.7 GHz	2.2 GHz	1.6 GHz
Intel® Core™ i7-1355U	10	2	8	12	12 MB	5.0 GHz	3.7 GHz	1.7 GHz	1.2 GHz
Intel® Core™ i5-1340P	12	4	8	16	12 MB	4.6 GHz	3.4 GHz	1.9 GHz	1.4 GHz
Intel® Core™ i5-1335U	10	2	8	12	12 MB	4.6 GHz	3.4 GHz	1.3 GHz	0.9 GHz
Intel® Core™ i3-1315U	6	2	4	8	10 MB	4.5 GHz	3.3 GHz	1.2 GHz	0.9 GHz

Processor 1,2,3,4	Cores	Threads	L3 Cache		Base			
	Cores			Max 1-core Turbo (GHz)	Max 2-core Turbo (GHz)	Max 4-core Turbo (GHz)	Max 8-core Turbo (GHz)	Frequency
Intel® Core™ Core i3-N305	8	8	6 MB	3.8GHz	3.7GHz	3.5GHz	3.0GHz	1.8GHz
Intel® Pentium® N200	4	4	6 MB	3.7GHz	3.6GHz	3.2GHz	N/A	1.0GHz
Intel® Celeron® N100	4	4	6 MB	3.4GHz	3.4GHz	2.9GHz	3.0GHz	0.8GHz



Technical Specifications

- 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.
- 4. Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- 5. Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
- 6. 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

GRAPHICS

Integrated

Intel® Iris® Xe Graphics 7,8 Intel® UHD Graphics8

Discrete

NVIDIA® GeForce® MX550 (2 GB DDR6 dedicated) 9

Supports

Support HD decode, DX12, HDMI 1.4b 8

- 7. Intel® Iris® Xe Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® Xe Graphics with Intel® Core™ i5 or 7 processors and single channel memory will only function as UHD graphics.
- 8. HD content required to view HD images.
- 9. 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).



Technical Specifications

DISPLAY

Non-Touch

39.6 cm (15.6") diagonal FHD UWVA eDP + PSR anti-glare Low Blue Light, narrow bezel bent, 300 nits, 100% sRGB (1920 x 1080) 8,10,11

39.6 cm (15.6") diagonal FHD UWVA edp anti-glare, narrow bezel bent, 250 nits, 45% NTSC (1920x1080) 8,10,11 39.6 cm (15.6") diagonal FHD SVA edp anti-glare, narrow bezel bent, 250 nits, 45% NTSC (1920x1080) 8,10,11 39.6 cm (15.6") diagonal HD SVA eDP anti-glare, narrow bezel bent, 250 nits, 45% NTSC (1366 x 768) 8,10,11

HDMI

Port supports resolutions up to 1920 x 1200 external resolution @60 Hz

Display Size (Diagonal)

15.6" 39.6 cm (15.6")

- 8. HD content required to view HD images.
- 10. Sold separately or as an optional feature.
- 11. Resolutions are dependent upon monitor capability, and resolution and color depth settings.

STORAGE AND DRIVES

Primary M.2 Storage

1 TB PCIe® NVMe™ M.2 QLC Solid State Drive ¹²
512 GB PCIe® NVMe™ M.2 QLC Solid State Drive ¹²
256 GB PCIe® NVMe™ M.2 QLC Solid State Drive ¹²
128 GB PCIe® NVMe™ M.2 TLC M.2 Solid State Drive ¹²

12. For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10 and 11) is reserved for system recovery software.



Technical Specifications

MEMORY

Maximum Memory

32 GB DDR4-3200 SDRAM 13,14

Memory

32 GB DDR4-3200 SDRAM (2 X 16 GB) ^{13,14}
16 GB DDR4-3200 SDRAM (1 X 16 GB) ^{13,14}
16 GB DDR4-3200 SDRAM (2 X 8 GB) ^{13,14}
8 GB DDR4-3200 SDRAM (1 x 8 GB) ^{13,14}
8 GB DDR4-3200 SDRAM (2 x 4 GB) ^{13,14}
4 GB DDR4-3200 SDRAM ^{13,14}

Memory Slots

2 SODIMM (RPL-Core i 3/5/7)^{13,14}
All slots are customer non-accessible / non-upgradeable
Support Dual Channel Memory
1 SODIMM (ADL-N i3/Pentium/Celeron)^{13,14}
Support Single Channel Memory

13. All slots are non-accessible / non-upgradeable.

14. 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.



Technical Specifications

NETWORKING/COMMUNICATIONS

WLAN

Realtek 8852BE-VS (1X1) Wi-Fi® 6 Bluetooth® 5.3 WLAN Wireless Card ¹⁵ Realtek 8852BE (2X2) Wi-Fi® 6 Bluetooth® 5.3 WW WLAN Wireless Card ¹⁵

Miracast

Compatible with Miracast-certified devices (For Win11) 16

15. 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.

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

AUDIO/MULTIMEDIA

Audio

2 Integrated stereo speakers Integrated Microphone

Camera

720p HD camera with Temporal Noise Reduction 8
1080p FHD camera with Temporal Noise Reduction 8

8. HD content required to view HD images.

KEYBOARDS/POINTING DEVICES/BUTTONS & FUNCTION KEYS

Keyhoard

Full Size Textured island-style Keyboard and optional Backlit and spill resistant 17

Pointing Device

Touchpad with multi-touch gesture support (PTP certified)

Function Keys

- F1 Open " How to get help in Windows 11" webpage
- F2 Brightness Down
- F3 Brightness Up
- F4 Display Switching
- F5 Blank
- F6 Mute
- F7 Volume Down
- F8 -Volume Up
- F9 Previous
- F10 Play/Pause
- F11 Next
- F12 Airplane mode



Technical Specifications

17. Backlit keyboard is an optional feature.

SOFTWARE AND SECURITY

Software

Express VPN

Microsoft Office (Microsoft office sold separately. Internet access required for activation)

WPS Office

Dropbox Promotion 18

HP OuickDrop 19

sMedio True DVD for HP

MvHP

Hp Support Assistant 20

HP PC Hardware Diagnostics Windows

Manageability Features

HP SSRM (HP Support Sent Recovery Media) ²¹ Windows Push Button Reset Recovery²²

Security Management

McAfee® LiveSafe™23

- 18. 100 GB of free Dropbox storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at https://www.dropbox.com/help/space/hp-promotion. Internet service required and not included.
- 19. HP Quick Drop requires Internet access and Windows 10 and higher PC preinstalled with HP QuickDrop app and either an Android device (phone or tablet) running Android 7 or higher with the Android HP QuickDrop app, and /or an iOS device (phone or tablet) running iOS 12 or higher with the iOS HP QuickDrop app.
- 20. HP Sure Admin requires Windows 10 or 11 Pro or higher, HP BIOS, HP Manageability Integration Kit from http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.
- 21. Sold separately or as an optional feature.
- 22. Must activate within 180 days of Windows activation.
- 23. 30-day McAfee® LiveSafe™ trial included. Internet access required and not included. Subscription required after expiration. See http://www.McAfee.com for more details.



POWER

Power Supply

HP Smart 65 W External AC power adapter ²⁴ HP Smart 65 W EM External AC power adapter ²⁴ HP Smart 45 W External AC power adapter ²⁴

Battery

HP Long Life 3-cell, 41 Wh Li-ion Polymer 25,26

Power Cord

1M (3.28 feet) length power cord

Battery Life

Up to 8 hours and 24 minutes with 41 whr battery(HP Long Life 3-Cell, 41 Whr Polymaer, UMA graphic, Intel U15, display set to 200 nits, 8G memory, 256 GB SSD)²⁷

Battery Weight

1.85 lb 0.407kg

- 24. Availability may vary by country.
- 25. Battery is internal and not replaceable by customer. Serviceable by warranty.
- 26. Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.
- 27. MM18 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

Product Weight

Starting at 3.3 lb ²⁸ Starting at 1.52 kg²⁸

Product Dimensions (W x D x H)

14.17 x 9.29 x 0.73 in 36 x 23.6 x 1.86 cm

Packaging Dimensions (W x D x H) 29

12-15" boxes (305mm height): 1200mm x 1000mm x 1080mm

- 28. Weight will vary by configuration. Does not include power adapter.
- 29. Product packaging size varies based on options chosen. Please contact your HP representative for your packaging size details.



Technical Specifications

PORTS/SLOTS

- 2 SuperSpeed USB Type-A 5Gbps signaling rate
- 1 SuperSpeed USB Type-C® 5Gbps signaling rate(Supports data transfer only and does not support charging or external monitors)
- 1 HDMI v1.4b 30
- 1 AC Power
- 1 Headphone/microphone combo jack
- 30. HDMI cable sold separately

SERVICE AND SUPPORT

1-year limited warranties and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. Refer to http://www.hp.com/support/batterywarranty/ for additional battery information. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: http://www.hp.com/go/cpc.³¹

31. HP Care Packs are sold separately. Service levels and response ties 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.



SYSTEM UNIT

Stand-Alone Power Requirements

(AC Power)

Nominal Operating Voltage 19V Average Operating Power 5.69W

Integrated graphics

Discrete Graphics Nvidia MX550 (Selected SKU)

Max Operating Power ADL-N/RPL-U <45W

RPL-P/RPL-U discrete <65W

Temperature

Operating 32° to 95° F (0° to 35° C)

Non-operating 41° to 95° F (5° to 35° C) (writing optical)

Relative Humidity

Operating 10% to 90%, non-condensing

Non-operating 5% to 95%, 101.6° F (38.7° C) maximum wet bulb temperature

Shock

Operating 40 G, 2 ms, half-sine Non-operating 200 G, 2 ms, half-sine

Random Vibration

Operating 1.043 grams
Non-operating 3.5 grams

Altitude (unpressurized)

Operating -50 to 10,000 ft (-15.24 to 3,048 m)

Non-operating -50 to 40,000 ft (-15.24 to 12,192 m)

Planned Industry Standard

Certifications

Regulatory Model Number TPN-Q286 CSA/UL 62368-1 Yes

ENERGY STAR® Certified 32

EPEAT® Gold in the United States 33

FCC/ICES/CISPR/VCCI Yes
CE MARKING Yes
GS Mark Yes

Related commodity should comply with ISO 9241 Standards.

China CCC/SRRC Taiwan BSMI/NCC Yes Korea KCC/KC/KES Yes **Ukraine NSoC/TEC** Yes **EAEU Compliance** Yes Saudi Arabian Compliance Yes TCO No **WW RoHS** Yes Low Blue Light Yes

32. Configurations of the HP 250 G10 Notebook PC that are ENERGY STAR® qualified are identified as HP 250 G10 Notebook PC ENERGY STAR on HP websites and on http://www.energystar.gov.



33. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit http://www.epeat.net for more information.

DISPLAYS

1. Actual brightness will be lower with touchscreen or HP Sure View.

NOTE: All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

15.6 in FHD (1920 x 1080) Anti-Glare UWVA Low Blue Light sRGB NWBZ 300 eDP 1.4+PSR2 100 flat LCD Panel

 Outline Dimensions (W x H x D)
 350.960 x 215.840 max.

 Active Area
 344.160 x 193.590 typ.

Weight 310g max.

Diagonal Size 15.6 inch

Surface Treatment Anti-Glare

Touch Enabled No

Contrast Ratio1000:1 typRefresh Rate60HzBrightness300 nits 1

Pixel Resolution - Format 1920 x 1080 (FHD)

Backlight WLED **Pixel Resolution** RGB

Color Gamut Coverage sRGB 100%

Color Depth 8

Viewing Angle UWVA 89 / 89 / 89 / 89

Low Blue Light Yes

Power Consumption (W, EBL@ 150nits max/ 200nits max)

2.69 (max) / 3.4 (max)

Panel LCD 15.6-in FHD (1920x1080) Anti-Glare WLED SVA 45percent cg 250nits eDP 1.2 w/o PSR NWBZ ultraslim
 Outline Dimensions (W x H)
 350.960 x 216.750 max

 Active Area
 344.160 x 193.590 typ.

Weight 360g max
Diagonal Size 15.6 inch
Surface Treatment Anti-Glare

Touch Enabled No

Contrast Ratio300:1 (typ)Refresh Rate60HzBrightness250 nits 1

Pixel Resolution - Format 1920 x 1080 (FHD)

BacklightWLEDPixel ResolutionRGBColor Gamut CoverageNTSC 45%

Color Depth 6

Viewing Angle SVA 45/45/15/30



Low Blue Light

No

Power Consumption (W, EBL@

150nits max/ 200nits max)

2.67 max / 3.33 max

Panel LCD 15.6-in FHD (1920x1080) Anti-Glare WLED UWVA 45percent cg 250nits eDP 1.2 w/o PSR **NWBZ slim**

Outline Dimensions (W x H)

350.960 x 216.750 max.

Active Area 344.160 x 193.590 typ.

Weight 370g max **Diagonal Size** 15.6 inch **Surface Treatment** Anti-Glare

Touch Enabled No

Contrast Ratio 600:1 typ **Refresh Rate** 60Hz **Brightness** 250nits 1

Pixel Resolution - Format 1920 x 1080 (FHD)

Backlight **WLED Pixel Resolution RGB**

NTSC 45% Color Gamut Coverage

Color Depth

Viewing Angle UWVA 85/85/85/85

Low Blue Light No

Power Consumption (W, EBL@

150nits max/ 200nits max)

2.88 max / 3.54 max

Panel LCD 15.6-in HD (1366x768) Anti-Glare WLED SVA 45percent cg 250nits eDP 1.2 w/o PSR **NWBZ** ultraslim

Outline Dimensions (W x H)

351.030 x 216.750 max

Active Area 344.230 x 193.540 typ

Weight 370g max **Diagonal Size** 15.6 inch **Surface Treatment** Anti-Glare

Touch Enabled No

Contrast Ratio 300:1 typ **Refresh Rate** 60Hz **Brightness** 250nits 1

Pixel Resolution - Format 1366 x 768 (HD)

WLED Backlight RGB **Pixel Resolution Color Gamut Coverage NTSC 45%**

Color Depth 6

Viewing Angle SVA 45/45/15/30

Low Blue Light No

Power Consumption (W, EBL@ 150nits max/ 200nits max)

2.49 max / 2.98 max



Technical Specifications

STORAGE AND DRIVES

For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10 and 11) is reserved for system recovery software.

SSD 128GB 2230 PCIe NVMe
QLC (SSD 128GB 2230 PCIe
NVMe QLC)

Form Factor M.2 2230
Capacity 128GB
NAND Type QLC

InterfacePCIe NVMeLogical Blocks250,069,680FeaturesPvrite

SSD 1TB 2280 PCIe NVMe QLC (1TB 2280 PCIe NVMe QLC 2nd Solid State Drive)

Form Factor M.2 2280
Capacity 1TB
NAND Type QLC
Interface PCIe NVMe
Logical Blocks 2,000,409,264

Features Pyrite

SSD 256GB 2280 PCIe NVMe QLC (SSD 256GB 2280 PCIe NVMe QLC)

Form Factor M.2 2280
Capacity 256GB
NAND Type QLC
Interface PCIe NVMe

Logical Blocks 500,118,192
Features Pyrite

SSD 512GB 2280 PCIe NVMe QLC

Form Factor M.2 2280
Capacity 512GB
NAND Type QLC

InterfacePCIe NVMeLogical Blocks1,000,215,216FeaturesPyrite

NETWORKING/COMMUNICATIONS

Realtek RTL8852BE 802.11ax 2x2 Wi-Fi + Bluetooth® 5.3 Wireless Card (802.11ax 2x2, supporting gigabit data rate) ¹ Wireless LAN Standards
IEEE 802.11a
IEEE 802.11b
IEEE 802.11g
IEEE 802.11n
IEEE 802.11ac
IEEE 802.11ax

IEEE 802.11d IEEE 802.11e IEEE 802.11h IEEE 802.11i IEEE 802.11k IEEE 802.11r IEEE 802.11v

Interoperability Wi-Fi certified modules

Frequency Band •802.11b/g/n/ax

2.402 – 2.482 GHz •802.11a/n/ac/ax 4.9 – 4.95 GHz (Japan) 5.15 – 5.25 GHz 5.25 – 5.35 GHz 5.47 – 5.725 GHz 5.825 – 5.850 GHz

Data Rates • 802.11b: 1, 2, 5.5, 11 Mbps

802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps

802.11n: max 300Mbps802.11ac: max 866.7Mbps802.11ax: max 1201Mbps

Modulation Direct Sequence Spread Spectrum

BPSK, QPSK, CCK, 16-QAM, 64-QAM, 256-QAM, 1024QAM

• IEEE and WiFi certified 64 / 128 bit WEP encryption for a/b/g mode only

AES-CCMP: 128 bit in hardware

802.1x authentication

• WPA, WPA2: 802.1x. WPA-PSK, WPA2-PSK, TKIP, and AES.

WPA2 certificationWPA3 certificationIEEE 802.11iWAPI

Network Architecture

Ad-hoc (Peer to Peer)

Models

Infrastructure (Access Point Required)

Roaming IEEE 802.11 compliant roaming between access points

Output Power³ • 802.11b: +18.5dBm minimum

802.11g:+17.5dBm minimum802.11a:+18.5dBm minimum

• 802.11n HT20(2.4GHz): +15.5dBm minimum



802.11n HT40(2.4GHz): +14.5dBm minimum
802.11n HT20(5GHz): +15.5dBm minimum
802.11n HT40(5GHz): +14.5dBm minimum
802.11ac VHT80(5GHz): +11.5dBm minimum

802.11ax HE40(2.4GHz): +10dBm minimum
 802.11ax HE80(5GHz): +10dBm minimum

Power Consumption • Transmit mode :2.5 W

• Receive mode: 2 W

Idle mode (PSP) 180 mW (WLAN Associated)
 Idle mode :50 mW (WLAN unassociated)
 Connected Standby/Modern Standby: 10mW

Radio disabled: 8 mW

Power Management ACPI and PCI Express compliant power management

802.11 compliant power saving mode

Receiver Sensitivity⁴ 802.11b, 1Mbps: -93.5dBm maximum

802.11b, 11Mbps: -84dBm maximum 802.11a/g, 6Mbps: -86dBm maximum 802.11a/g, 54Mbps: -72dBm maximum 802.11n, MCS07: -67dBm maximum 802.11n, MCS15: -64dBm maximum 802.11ac, MCS0: -84dBm maximum 802.11ac, MCS9: -59dBm maximum

•802.11ax, MCS11(HE40): -57dBm maximum •802.11ax, MCS11(HE80): -54dBm maximum

Antenna type High efficiency antenna with spatial diversity, mounted in the display

enclosure

Two embedded dual band 2.4/5 GHz antennas are provided to the card to support WLAN MIMO communications and Bluetooth communications

Form Factor PCI-Express M.2 MiniCard

Dimensions 1. Type 2230 : 2.3 x 22.0 x 30.0 mm

2. Type 1216: 1.67 x 12.0 x 16.0 mm

Weight 1. Type 2230 : 2.8g

2. Type 126: 1.3g

Operating Voltage 3.3v +/- 9%

Temperature Operating 14° to 158° F (–10° to 70° C)

Non-operating -40° to 176° F (-40° to 80° C)

Humidity Operating 10% to 90% (non-condensing)

Non-operating 5% to 95% (non-condensing)

Operating 0 to 10,000 ft (3,048 m)

Non-operating 0 to 50,000 ft (15,240 m)

LED Activity LED Amber – Radio OFF;

LED OFF - Radio ON

HP Integrated Module with Bluetooth 4.0/4.1/4.2/5.0/5.1/5.2/5.3 Wireless Card

Bluetooth Specification 4.0/4.1/4.2/5.0/5.1 Compliant/5.2 Compliant/5.3 Compliant

Frequency Band 2402 to 2480 MHz



Technical Specifications

Number of Available Legacy : 0~79 (1 MHz/CH)
Channels BLE : 0~39 (2 MHz/CH)

Signaling Data Rate Legacy: 3 Mbps data rate; throughput up to 2.17 Mbps

BLE: 1 Mbps data rate; throughput up to 0.2 Mbps

Legacy: Synchronous Connection Oriented links up to 3, 64 kbps, voice

channels

Legacy: Asynchronous Connection Less links 2178.1 kbps/177.1 kbps

asymmetric (3-DH5) or 864 kbps symmetric (3-EV5)

Transmit Power The Bluetooth component shall operate as a Class II Bluetooth device with

a maximum transmit power of + 4 dBm for BR and EDR.

1. Wi-Fi 6 is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels.

Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs.

- Check latest software/driver release for updates on supported security features.
- 3. The FCC has declared as of September 1, 2014 products that utilize passive scanning on channel 12/13 and are capable of transmitting must fully comply with requirements of 15.247 or otherwise disable those channels.
- 4. Receiver sensitivity is measured at a packet error rate of 8% for 802.11b (CKK modulation) and a packet error rate of 10% for 802.11a/g (OFDM modulation).

Realtek RTL8852BE-VS 802.11ax 1x1 Wi-Fi 6+ Bluetooth® 5.3 Wireless Card (802.11ax 1x1)¹ Wireless LAN Standards IEEE 802.11a IEEE 802.11b

IEEE 802.11g

IEEE 802.11n IEEE 802.11ac

IEEE 802.11ax IEEE 802.11d

IEEE 802.11e IEEE 802.11h IEEE 802.11i

IEEE 802.11k

Interoperability Wi-Fi certified modules

Frequency Band •802.11b/g/n/ax

2.402 – 2.482 GHz •802.11a/n/ac/ax 4.9 – 4.95 GHz (Japan) 5.15 – 5.25 GHz

5.25 – 5.35 GHz 5.47 – 5.725 GHz 5.825 – 5.850 GHz

Data Rates • 802.11b: 1, 2, 5.5, 11 Mbps

802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps

802.11n: max 150Mbps
 802.11ac: max 433Mbps



802.11ax: max 600Mbps

Modulation Direct Sequence Spread Spectrum

BPSK, QPSK, CCK, 16-QAM, 64-QAM, 256-QAM, 1024QAM

• IEEE and WiFi certified 64 / 128 bit WEP encryption for a/b/g mode only

• AES-CCMP: 128 bit in hardware

802.1x authentication

• WPA, WPA2: 802.1x. WPA-PSK, WPA2-PSK, TKIP, and AES.

WPA2 certificationWPA3 certificationIEEE 802.11iWAPI

Network Architecture Models Ad-hoc (Peer to Peer)

Infrastructure (Access Point Required)

Roaming IEEE 802.11 compliant roaming between access points

• 802.11b: +17dBm minimum • 802.11g: +16dBm minimum

• EAP

• 802.11a : +17dBm minimum

802.11n HT20(2.4GHz): +14dBm minimum
802.11n HT40(2.4GHz): +13dBm minimum
802.11n HT20(5GHz): +14dBm minimum
802.11n HT40(5GHz): +13dBm minimum
802.11ac VHT80(5GHz): +10dBm minimum
802.11ax HE40(2.4GHz): +12dBm minimum
802.11ax HE80(5GHz): +10dBm minimum

Power Consumption • Transmit mode :2.5 W

• Receive mode: 2 W

Idle mode (PSP) 180 mW (WLAN Associated)
 Idle mode :50 mW (WLAN unassociated)
 Connected Standby/Modern Standby: 10mW

Radio disabled: 8 mW

Power Management ACPI and PCI Express compliant power management

802.11 compliant power saving mode

Receiver Sensitivity⁴ 802.11b, 1Mbps: -93.5dBm maximum

802.11b, 11Mbps: -84dBm maximum 802.11a/g, 6Mbps: -86dBm maximum 802.11a/g, 54Mbps: -72dBm maximum 802.11n, MCS07: -67dBm maximum 802.11n, MCS15: -64dBm maximum 802.11ac, MCS0: -84dBm maximum 802.11ac, MCS9: -59dBm maximum

•802.11ax, MCS11(HE40): -57dBm maximum •802.11ax, MCS11(HE80): -54dBm maximum

Antenna type High efficiency antenna with spatial diversity, mounted in the display

enclosure

Technical Specifications

Two embedded dual band 2.4/5 GHz antennas are provided to the card to $\,$

support WLAN MIMO communications and Bluetooth communications

Form Factor PCI-Express M.2 MiniCard

Dimensions 1. Type 2230 : 2.3 x 22.0 x 30.0 mm

2. Type 1216: 1.67 x 12.0 x 16.0 mm

Weight 1. Type 2230 : 2.8g

2. Type 126: 1.3g

Operating Voltage 3.3v +/- 9%

Temperature Operating 14° to 158° F (-10° to 70° C)

Non-operating -40° to 176° F (-40° to 80° C)

Humidity Operating 10% to 90% (non-condensing)

Non-operating 5% to 95% (non-condensing)

Altitude Operating 0 to 10,000 ft (3,048 m)

Non-operating 0 to 50,000 ft (15,240 m)

LED Activity LED Amber – Radio OFF;

LED OFF - Radio ON

HP Integrated Module with Bluetooth 4.0/4.1/4.2/5.0/5.1/5.2/5.3 Wireless Technology Card

Bluetooth Specification 4.0/4.1/4.2/5.0/5.1 Compliant/5.2 Compliant/5.3 Compliant

Frequency Band 2402 to 2480 MHz

Number of Available Legacy : 0~79 (1 MHz/CH)
Channels BLE : 0~39 (2 MHz/CH)

Data Rates andLegacy: 3 Mbps data rate; throughput up to 2.17 Mbps **Throughput**BLE: 1 Mbps data rate; throughput up to 0.2 Mbps

Legacy: Synchronous Connection Oriented links up to 3, 64 kbps, voice

channels

Legacy: Asynchronous Connection Less links 2178.1 kbps/177.1 kbps

asymmetric (3-DH5) or 864 kbps symmetric (3-EV5)

Transmit Power The Bluetooth component shall operate as a Class II Bluetooth device with

a maximum transmit power of + 4 dBm for BR and EDR.

1. Wi-Fi 6 is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels.

Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs.

- 2. Check latest software/driver release for updates on supported security features.
- 3. The FCC has declared as of September 1, 2014 products that utilize passive scanning on channel 12/13 and are capable of transmitting must fully comply with requirements of 15.247 or otherwise disable those channels.
- 4. Receiver sensitivity is measured at a packet error rate of 8% for 802.11b (CKK modulation) and a packet error rate of 10% for 802.11a/g (OFDM modulation).



Technical Specifications

POWER

1. Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors

HP 65W Smart AC adapter Dimensions (H x W x D) 3.543 x 2.008 x 1.122 in (9.0 x 5.1 x 2.85 cm)

> Weight 0.55 lb (250 g) max

> > (Not including power cord. Power cord varies by country.)

Input 100-240Vac

> **Input Efficiency** 88 % at 115 Vac and 89 % at 230Vac

Input frequency range 47-63 Hz

Max. 1.7 A at 90 Vac **Input AC current**

Output **Output power** 65W

> 19.5V DC output

Hold-up time 100% load 5ms at 115 Vac input/80% load

10ms at 115 Vac input

Output current limit < 11.0A

Connector 4.5mm Barrel Type

Environmental Design Operating 32°F to 95°F (0°to 35°C)

temperature

Non-operating (storage) -4°F to 185°F (-20°to 85°C)

temperature

Altitude 0 to 16,400 ft (0 to 5000m)

Humidity 20% to 95% **Storage Humidity** 10% to 95%

EMI and Safety CE Mark - full compliance with LVD and EMC directives Certifications

Worldwide safety standards - IEC60950-1 and IEC62368-1: 2018.

EN62368-1:2014+A11. UL62368-1

Agency approvals - C-UL-US, TUV/GS, TUV/PSE, EN55032 Class B, FCC Class B, CISPR32 Class B, CCC and CECP, CU(EAC), EAEU, KCC(Safety+EMC) and K-MEPS, NOM-001 and 029 NYCE, NRcan, NRCS, ISC, SEC, PSB, Argentina S-mark, Australia GEMS and RCM, BIS, BSMI, UAE, UKCA DoC

HP 45W Smart AC adapter Dimensions (H x W x D) 3.74 x 1.772 x 1.043 in (9.5x4.5x2.65cm)

> Weight 0.44 lb (200 g) max (Not including power cord. Power cord varies by

> > country.)

Input 100-240Vac

> **Input Efficiency** 87.74 % at 115 Vac and 88.4 % at 230 Vac

Input frequency range 47-63 Hz

Max. 1.4 A at 90 Vac **Input AC current**

Output **Output power** 45W

> DC output 19.5V

Hold-up time 100% load 5ms at 115 Vac input/80% load

10ms at 115 Vac input

Output current limit < 8.0A

Connector 4.5mm Barrel Type

Environmental Design Operating 32°F to 95°F (0°to 35°C)

temperature

Non-operating (storage) -4°F to 185°F (-20°to 85°C)

temperature

Altitude 0 to 16,400 ft (0 to 5000m)

Humidity 20% to 95% **Storage Humidity** 10% to 95%

EMI and Safety CE Mark - full compliance with LVD and EMC directives

Certifications Worldwide safety standards - IEC60950-1 and IEC62368-1: 2018,

EN62368-1:2014+A11, UL62368-1

Agency approvals - C-UL-US, TUV/GS, TUV/PSE, EN55032 Class B, FCC Class B, CISPR32 Class B, CCC and CECP, CU(EAC), EAEU, KCC(Safety+EMC) and K-MEPS, NOM-001 and 029 NYCE, NRcan, NRCS, ISC, SEC, PSB, Argentina S-mark, Australia GEMS and RCM, BIS, BSMI, UAE, UKCA DoC

65W EM Adapter Dimensions (H x W x D) 4.016 x 2.165 x 1.181 in (10.2x5.5x3cm)

Weight 0.58 lb (265 g) max

(Not including power cord. Power cord varies by country.)

Input 100-240Vac

Input Efficiency 88 % at 115 Vac and 89 % at 230Vac

Input frequency range 47-63 Hz

Input AC current Max. 1.7 A at 90 Vac

Output Output power 65W

DC output 19.5V

Hold-up time 100% load 5ms at 115 Vac input/80% load

10ms at 115 Vac input

Output current limit < 11.0A

Connector 4.5mm Barrel Type

Environmental Design Operating 32°F to 95°F (0°to 35°C)

temperature

Non-operating (storage) -4°F to 185°F (-20°to 85°C)

temperature

Altitude 0 to 16,400 ft (0 to 5000m)

Humidity 20% to 95% Storage Humidity 10% to 95%

EMI and Safety CE Mark - full compliance with LVD and EMC directives

Certifications Worldwide safety standards - IEC60950-1 and IEC62368-1: 2018,

EN62368-1:2014+A11, UL62368-1

Agency approvals - C-UL-US, TUV/GS, TUV/PSE, EN55032 Class B, FCC Class B, CISPR32 Class B, CCC and CECP, CU(EAC), EAEU, KCC(Safety+EMC) and K-MEPS, NOM-001 and 029 NYCE, NRcan, NRCS, ISC, SEC, PSB, Argentina S-mark, Australia GEMS and RCM, BIS, BSMI, UAE, UKCA DoC



HP 3-cell Long Life Li-Ion Weight

(41 Wh)1

Weight 0.185 kg (0.407 lb)

Cells/Type 3cell Lithium-Ion Polymer cell / 515974

Energy Voltage 11.25V

Amp-hour capacity 3.648Ah
Watt-hour capacity 41.04Wh

Temperature Operating (Charging) 32° to 113° F (0° to 45° C)

Operating (Discharging) 14° to 122° F (-10° to 60° C)

Optional Travel Battery No

Available

AUDIO

HD Stereo Codec Realtek ALC3247

Audio I/O Ports Audio Jack at Left. Headset connector supports a CTIA and OMTP style headset and is re-taskable

as a Line-in, Line-out, Microphone-in or Headphone-out port

Internal Speaker Amplifier 2W class D amplifier from ALC3247

Multi-streaming Capable multi-streaming enable

Sampling streams to be sent to/from the front and rear jacks or integrated speaker.

Wavetable Syntheses DAC: 24bit, 48KHz

ADC: 16bit; 48kHz

Analog Audio DAC: 24bit, 48KHz

ADC: 16bit; 48kHz

of Channels on Line-Out 2

Internal Speaker Yes

FINGERPRINT READER

Sensor vendorELAN EFSA80SWSensor typeCapacitiveDPI resolution508 DPIScan area80 x 80 pixelsFalse Rejection RateFRR=≤ 3%False Acceptance Rate< 1:100K</th>Mobile Voltage Operation3.0V to 3.6V

Operating Temperature $-4^{\circ}F \sim 176^{\circ}F (-20^{\circ}C \sim 80^{\circ}C)$

Current Consumption 50mA Peak

Image

Low Latency Wait For 300uA

Finger

Capture Rate 50 frame/ sec

ESD Resistance IEC 61000-4-2 4B (+15KV) **Detection Matrix** 508 DPI / 4 mm x 4mm



Technical Specifications

ENVIRONMENTAL DATA

ENVIRONMENTAL DATA							
Eco-Label Certifications &	This product has received	or is in the process of being	certified to the following approvals and may				
declarations	be labeled with one or mo	re of these marks:					
	IT ECO declaration						
	US ENERGY STAR	8					
	US Federal Energy	y Management Program (FE	MP)				
	EPEAT ^a Gold regis	stered in the United States.	See http://www.epeat.net for registration				
	status in your cou	ıntry.					
	 China Energy Con 	servation Program (CECP)					
	China State Envir	onmental Protection Admin	istration (SEPA)				
	 Taiwan Green Ma 	rk					
	 Korea Eco-label 						
	Japan PC Green la	ibel*					
Sustainable Impact	• Ocean-bound plastic in s	peaker					
Specifications	• 10% post-consumer recy	cled plastic/					
	 Low halogen 						
	_		ainably sourced and recyclable				
			ainably sourced and recyclable				
	Bulk packaging available						
System Configuration	_	•••	nd Declared Noise Emissions data for the				
	Notebook model is based	on a "Typically Configured I	Notebook".				
Energy Consumption							
(in accordance with US							
ENERGY STAR® test							
method)	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz				
Normal Operation (Sort idle)	7.068 W	7.332 W	7.092 W				
Normal Operation (Long idle)	1.464 W	1.536 W	1.452 W				
Sleep	1.464 W	1.536 W	1.452 W				
Off	0.192 W	0.252 W	0.192 W				
	NOTE:						
	Energy efficiency data listed is for an ENERGY STAR® compliant product if offered within the model						
	family. HP computers marked with the ENERGY STAR® Logo are compliant with the applicable U.S.						
	Environmental Protection Agency (EPA) ENERGY STAR® specifications for computers. If a model family does not offer ENERGY STAR® compliant configurations, then energy efficiency data listed is						
	for a typically configured PC featuring a hard disk drive, a high efficiency power supply, and a						
	Microsoft Windows® operating system.						
		-					
Heat Dissipation*	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz				
Normal Operation (Short							
idle)	24.2 BTU/hr	25.1 BTU/hr	24.3 BTU/hr				
Normal Operation (Long							
idle)	5.0 BTU/hr	5.3 BTU/hr	5.0 BTU/hr				
Sleep	5.0 BTU/hr	5.3 BTU/hr	5.0 BTU/hr				
Off	0.7 BTU/hr	0.9 BTU/hr	0.7 BTU/hr				



Technical Specifications

	*NOTE: Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.					
Declared Noise Emissions		Sound Power	Sound P	ressure		
(in accordance with		(L _{WAd} , bels)	(L _{pAm} , de	ecibels)		
ISO 7779 and ISO 9296)						
Typically Configured – Idle		2.4	16	.1		
Fixed Disk – Random writes		2.4	16			
Optical Drive – Sequential reads		N/A	N/	'A		
Longevity and Upgrading	-	can be upgraded, possibly /or components contained	extending its useful life by seve in the	ral years. Upgradeable		
	Spare parts a production.	are available throughout th	e warranty period and or for up	to "5" years after the end of		
Additional Information	 This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2011/65/EC. This HP product is designed to comply with the Waste Electrical and Electronic Equipment (MEES) Product is designed to comply with the Waste Electrical and Electronic Equipment 					
	 (WEEE) Directive – 2002/96/EC. This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986). 					
	 This product is in compliance with the IEEE 1680 (EPEAT) standard at the Gold level, se www.epeat.net Plastics parts weighing over 25 grams used in the product are marked per ISO11469 at ISO1043. This product is 96.8% recycle-able when properly disposed of at end of life. 					
Packaging Materials	External:	PAPER/Corrugated		245 g		
		PAPER/Paperboard		50 g		
		PAPER/Molded Pulp		56 g		
	Internal:	PLASTIC/Polyethylene lo	ow density - LDPE	10 g		
			s at least 100.0% recycled cont			
	The corruga	ted paper packaging mate	rials contains at least 35.6% rec	ycled content.		
RoHS Compliance	HP Inc. complies fully with materials regulations. We were among the first companies to extend the restrictions in the European Union (EU) Restriction of Hazardous Substances (RoHS) Directive to our products worldwide through the HP GSE. HP has contributed to the development of related legislation in Europe, as well as China, India, and Vietnam.					
	We believe the RoHS directive and similar laws play an important role in promoting industry-wide elimination of substances of concern. We have supported the inclusion of additional substances—including PVC, BFRs, and certain phthalates—in future RoHS legislation that pertains to electrical and electronics products.					
	We met our voluntary objective to achieve worldwide compliance with the new EU RoHS requirements for virtually all relevant products by July 2013, and we will continue to extend the scope of the commitment to include further restricted substances as regulations continue to evolve.					



Technical Specifications

	To obtain a copy of the HP RoHS Compliance Statement, see HP RoHS position statement.
Material Usage	To obtain a copy of the HP RoHS Compliance Statement, see HP RoHS position statement. This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html): Asbestos Certain Azo Colorants Cadmium Chlorinated Hydrocarbons Chlorinated Hydrocarbons Chlorinated Paraffins Bis(2-Ethylhexyl) phthalate (DEHP) Benzyl butyl phthalate (BBP) Dibutyl phthalate (DBP) Disobutyl phthalate (DIBP) Formaldehyde Halogenated Diphenyl Methanes Lead carbonates and sulfates Lead and Lead compounds Mercuric Oxide Batteries Nickel – finishes must not be used on the external surface designed to be frequently handled or carried by the user. Ozone Depleting Substances Polybrominated Biphenyls (PBBs) Polybrominated Biphenyl Ethers (PBBEs) Polybrominated Biphenyl Oxides (PBBOs) Polychlorinated Terphenyls (PCT) Polyvinyl Chloride (PVC) — except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.
	 Radioactive Substances Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)
Packaging Usage	 HP follows these guidelines to decrease the environmental impact of product packaging: Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials. Eliminate the use of ozone-depleting substances (ODS) in packaging materials. Design packaging materials for ease of disassembly. Maximize the use of post-consumer recycled content materials in packaging materials. Use readily recyclable packaging materials such as paper and corrugated materials. Reduce size and weight of packages to improve transportation fuel efficiency. Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.
End-of-life Managemer and Recycling	HP offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: http://www.hp.com/go/reuse-recycle or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.



Technical Specifications

	The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: http://www.hp.com/go/recyclers . These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.			
HP, Inc. Corporate Environmental	For more information about HP's commitment to the environment:			
Information	Global Citizenship Report			
	http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html Eco-label certifications			
http://www8.hp.com/us/en/hp-information/environment/ecolabels.html				
	ISO 14001 certificates:			
	http://h20195.www2.hp.com/V2/GetDocument.aspx?docname=c04755842 and			
	http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf			
footnotes	Percentage of ocean-bound plastic contained in each component varies by product			
	 Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard. 			
	• External power supplies, WWAN modules, power cords, cables and peripherals excluded.			
	 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers. 			
	 Fiber cushions made from 100% recycled wood fiber and organic materials. 			
	 Plastic cushions are made from >90% recycled plastic. 			

COUNTRY OF ORIGIN

China



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

Туре	Description	Part Number
Audio	HP Wired USB-A Stereo Headset	428K6AA
	HP Wired 3.5mm Stereo Headset	428K7AA
	WB 445 45 6 1 1 1 1 1	OD 1/45AA WASI
Cases	HP 115 15.6 Laptop Backpack	8DV45AA#ACJ
	HP 215 15.6 Laptop Backpack	35L98AA#ACJ
	HP 225 15.6 Laptop Backpack	2P7U6AA#ACJ
	HP 235 15.6 Laptop Backpack	35M00AA#ACJ
	HP 315 15.6 Laptop Backpack	35L97AA#ACJ
	HP Prelude G2 15.6 Backpack	1E7D6AA
	HP Prelude G2 15.6 Top Load	1E7D7AA
	HP Prelude Pro Recycled 15.6 Backpack	1X644AA
	HP Prelude Pro Recycled 15.6 Top Load	1X645AA
	HP Renew Business 15.6 Laptop Bag	3E5F8AA
	HP Renew Business 17.3 Laptop Backpack	3E2U5AA
	HP Renew Business 17.3 Laptop Bag	3E2U6AA
	HP Renew Executive 16 Laptop Backpack	6B8Y1AA
	HP Renew Executive 16 Laptop Bag	6B8Y2AA
	HP Travel 18L 15.6 Iron Gray Laptop Backpack	6H2D9AA
	HP Travel 25L 15.6 Iron Gray Laptop Backpack	6H2D8AA
Adapter	HP USB-C to RJ45 Adapter G2	4Z527AA
nauptei	HP USB 3.0 to Gigabit RJ45 Adapter G2	4Z7Z7AA
	HP HDMI to VGA Adapter	H4F02AA
	THE TIDENT TO VAN Adapter	IITI ULAA
Keyboard/Combo	HP 125 WD USB Keyboard	266C9AA
	HP 320K WD USB Keyboard	9SR37AA
	HP 155 Wired Mouse and Keyboard Combo	5B8C0AA#ACJ
	HP 225 Antimicrobial Wired Mouse and Keyboard Combo	286K3AA#AB2
	HP 225 Wired Mouse and Keyboard Combo	286J4AA
	HP 235 Wireless Mouse and Keyboard Combo	1Y4D0AA
	HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
Mouse	HP 125 USB-A Wired Mouse	265A9AA
riouse	HP 128 USB Laser Wired Mouse	265D9AA
	HP 155 USB-A Wired Mouse	5B8B7AA#ACJ
	HP 320M USB-A Wired Mouse	9VA80AA
	HP USB-A+Bluetooth Travel Bluetooth Mouse	6SP30AA
	HP USB Premium Wireless Mouse	1JR31AA
	HP 435 Bluetooth 5.0 + Wireless 2.4GHz Multi-Device Wireless Mouse	3B4Q5AA



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

Power HP 65W 4.5 mm Smart AC Power Adapter H6Y89AA

Commodity HP USB DVD-Writer EXT ODD F2B56AA

Video HP 325 FHD USB-A Webcam 53X27AA



Change Log

Date of change:	Version History:		Description of change:
March 21, 2023	V1 to V2	Added	Environmental Data and update call out in Overview section
March 30, 2023	V2 to V3	Updated	Ports and Slots section
April 19, 2023	V3 to V4	Updated	At a Glance section
	V4 to V5		

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