Overview

HP ProBook 455R G6 Notebook PC



Left

- 1. Internal Microphones (2)
- 2. Webcam
- 3. Webcam LED
- 4. Clickpad
- 5. Hard Drive LED

- 6. SD Card Reader
- 7. Thermal Vent
- 8. USB 2.0 Port
- 9. Standard Security Lock Slot (Lock sold separately)
- 10. Power Button

Overview



Right

- 1. Power connector
- 2. USB Type-C[™] 3.1 Gen 1 port
- 3. Ethernet port (RJ-45)
- 4. HDMI port (Cable not included)

- 5. USB 3.1 Gen 1 port
- 6. USB 3.1 Gen 1 port
- 7. Headphone/Microphone Combo Jack
- 8. Optional HP Fingerprint Sensor

Overview

At a Glance

- Preinstall Windows 10 or FreeDOS 3.0
- Choice of 2nd Generation AMD Ryzen™ processors
- Display include your choice of 39.62 cm (15.6") diagonal HD, Ultra Wide Viewing Angle FHD
- Integrated AMD Radeon™ Vega UMA Graphics
- Enhanced security features including TPM2.0, HP BIOSphere, Hardware enforced Firmware Protection, HP Fingerprint Sensor and optional IR camera³
- Passed 19 MIL-STD 810 G testing, plus an additional 120,000 hours of reliability testing through HP's Total Test Process¹
- Weight starting at 4.41 lbs (2 kgs)
- HP Long-Life Rechargeable batteries, with HP Fast Charge Technology recharges 50% in 30 minutes²
- Battery life Up to 13 hours and 45 minutes
- Supports wireless LAN
- Up to 512 GB Solid State Drives and 1 TB Hard Drive
- 32 GB total system memory
- 720 p HD webcam, IR camera for face authentication with Windows Hello
- Spill-resistant and optional backlit Keyboard with numeric keypad³, and Clickpad with multi-touch gestures enabled, taps enabled as default
- 1. MIL-STD-810G testing is not intended to demonstrate fitness of U.S. Department of Defense (DoD) 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.
- 2. Recharges the battery up to 50% within 30 minutes when the system is off or in standby mode when used with the power adapter provided with the notebook. After charging has reached 50% capacity, charging speed will return to normal. Charging time may vary +/-10% due to System tolerance.
- 3. Sold separately or as an optional feature.

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



Technical Specifications

PRODUCT NAMES

HP ProBook 455R G6 Notebook PC

OPERATING SYSTEMS

Preinstalled Windows 10 Pro 64¹

Windows 10 Pro 64 (National Academic only)²

Windows 10 Home 641

Windows 10 Home Single Language 641

FreeDOS 3.0

- 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. 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.

PROCESSORS

AMD Ryzen™ 5 3500U APU with Radeon™ Vega 8 Graphics (2.1 GHz base clock, up to 3.7 GHz max boost clock, 4 MB cache. 4 cores) ^{3,4,5,6}

AMD Ryzen™ 3 3300U APU with Radeon™ Vega 6 Graphics (2.1 GHz base clock, up to 3.5 GHz max boost clock, 4 MB cache, 4 cores) 3,4,5,6

AMD Ryzen™ 3 3200U APU with Radeon™ Vega 3 Graphics (2.6 GHz base clock, up to 3.5 GHz max boost clock, 4 MB cache, 2 cores)^{3,4,5,6}

Processors Family

AMD Ryzen™ APU processor6

- 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. AMD's numbering is not a measurement of clock speed.
- Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- 5. Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
- 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.



Technical Specifications

CHIPSET

Integrated with processor

GRAPHICS

Integrated

Radeon™ Vega Graphics7

Supports

Support HD decode, DX12, HDMI 1.4b to 4K 30 Hz

7. HD content required to view HD images.

DISPLAYS

Non-Touch

39.6 cm (15.6") diagonal HD SVA eDP anti-glare LED-backlit slim, 220 cd/m 2 , 67% sRGB, two WLAN antennas (1366 x 768) $^{7.8}$

39.6 cm (15.6") diagonal HD SVA eDP anti-glare LED-backlit slim, 220 cd/m 2 , 67% sRGB for HD camera, one WLAN antenna (1366 x 768) $^{7.8}$

39.6 cm (15.6") diagonal HD SVA eDP anti-glare LED-backlit slim, 220 cd/m 2 , 67% sRGB for HD camera, two WLAN antennas (1366 x 768) $^{7.8}$

39.6 cm (15.6") diagonal HD SVA eDP anti-glare LED-backlit slim, 220 cd/m 2 , 67% sRGB for HD + IR camera, two WLAN antennas (1366 x 768) $^{7.8}$

39.6 cm (15.6") diagonal FHD UWVA eDP anti-glare LED-backlit slim, 220 cd/m 2 , 67% sRGB, two WLAN antennas (1920 x 1080) $^{7.8}$

39.6 cm (15.6") diagonal FHD UWVA eDP anti-glare LED-backlit slim, 220 cd/m 2 , 67% sRGB for HD camera, one WLAN antenna (1920 x 1080) $^{7.8}$

39.6 cm (15.6") diagonal FHD UWVA eDP anti-glare LED-backlit slim, 220 cd/m 2 , 67% sRGB for HD camera, two WLAN antennas (1920 x 1080) $^{7.8}$

39.6 cm (15.6") diagonal FHD UWVA eDP anti-glare LED-backlit slim, 220 cd/m 2 , 67% sRGB for HD + IR camera, two WLAN antennas (1920 x 1080) $^{7.8}$

Touch

Supports narrow bezel

HDMI

HDMI1.4b, up to 4K 30Hz

- 7. HD content required to view HD images.
- 8. Resolutions are dependent upon monitor capability, and resolution and color depth settings.



Technical Specifications

STORAGE AND DRIVES

Primary Storage

1 TB 5400 rpm SATA⁹ 500 GB 7200 rpm SATA⁹

Primary M.2 Storage

128 GB SATA TLC Solid State Drive⁹
256 GB PCIe[®] NVMe[™] Value Solid State Drive⁹
512 GB PCIe[®] NVMe[™] TLC Solid State Drive⁹
512 GB PCIe[®] NVMe[™] Value Solid State Drive⁹

Note: PCIe SSD not available for Celeron

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.

MEMORY

Maximum Memory

32 GB DDR4-2400 SDRAM10

Memory

32 GB DDR4- 2400 SDRAM (2 X 16 GB)¹⁰
16 GB DDR4- 2400 SDRAM (1 x 16 GB)¹⁰
8 GB DDR4- 2400 SDRAM (1 x 8 GB)
8 GB DDR4- 2400 SDRAM (2 x 4 GB)¹⁰
4 GB DDR4- 2400 SDRAM (1 x 4 GB)

Memory Slots

2 SODIMM Both slots are customer accessible / upgradeable DDR4 PC4 SODIMMS, system runs at 2400 Supports Dual Channel Memory

10. 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.

NETWORKING/COMMUNICATIONS

WLAN

Realtek RTL8822BE 802.11ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo¹¹ Realtek RTL8821CE 802.11ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo¹¹

Ethernet

Realtek RTL8111HSH-CG 10/100/1000 GbE NIC12

- 11. Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited.
- 12. 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.



Technical Specifications

AUDIO/MULTIMEDIA

Audio

Integrated Microphone (Mono or Dual Array)
2 Integrated Stereo Speakers

Speaker Power

2W/4ohm Per speaker

Camera

720p HD Camera⁷
720p HD Camera+IR Camera^{7,13}

Sensors

Accelerometer Hall sensor

7. HD content required to view HD images.

13. Sold separately or as an optional feature.

KEYBOARDS/POINTING DEICES/BUTTONS & FUNCTION KEYS

Keyboard

HP Premium Keyboard, spill resistant with numeric keypad and optional backlit¹⁴ 14. Backlit keyboard is an optional feature.

Pointing Device

Clickpad with multi-touch gesture support

Function Keys

F1 - Display Switching

F2 - Blank

F3 - Brightness Down

F4 - Brightness Up

F5 - Audio Mute

F6 - Volume Down

F7 - Volume Up

F8 - Mic Mute

F9 - Blank or Backlit Toggle

F10 - Blank

F11 - Wireless

F12 - Sleep

Hidden Functions

Fn+R - Break

Fn+S - Sys Rq

Fn+C - Scroll Lock



Technical Specifications

SOFTWARE AND SECURITY

BIOS

HP BIOSphere Gen4¹⁵
HP DriveLock & Automatic DriveLock¹⁶
BIOS Update via Network
Secure Erase¹⁷
Absolute Persistence Module¹⁸
Pre-boot Authentication
HP Wireless Wakeup

Software

HP Native Miracast Support¹⁹
HP LAN-Wireless Protection
HP Connection Optimizer
HP 3D DriveGuard
HP Support Assistant²⁰
HP Noise Cancellation Software
HP Host Based MAC Address Manager
Buy Office (Sold separately)

Manageability Features

HP Driver Packs²¹
HP System Software Manager (SSM)
HP BIOS Config Utility (BCU)
HP Client Catalog
HP Manageability Integration Kit Gen3²²
HP Cloud Recovery²³

Client Security Software

HP Client Security Suite Gen4²⁴ including:
HP Security Manager²⁵ (including Credential Manager, HP Password Manager, HP Spare Key)
HP Power On Authentication
HP Fingerprint Sensor
Windows Defender²⁶

Security Management

Secure Erase¹⁷
TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)²⁷
SATA 0,1 port disablement (viaBIOS)
Serial, USB enable/disable (viaBIOS)
Power-on password (viaBIOS)
Setup password (viaBIOS)
Support for chassis padlocks and cable lock devices
Integrated hood sensor
HP Sure Click²⁸

- 15. HP BIOSphere Gen4 requires Intel® or AMD 8th Gen processors. Features may vary depending on the platform and configurations.
- 16. HP Drive Lock & Automatic Drive Lock is not supported on NVMe drives
- 17. HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method.
- 18. Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit:



Technical Specifications

http://www.absolute.com/company/legal/agreements/ computrace-agreement. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.

- 19. Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- 20. HP Support Assistant requires Windows and Internet access.
- 21. HP Driver Packs not preinstalled, however available for download at http://www.hp.com/go/clientmanagement.
- 22. HP Manageability Integration Kit can be downloaded from

http://www8.hp.com/us/en/ads/clientmanagement/overview.html

- 23. HP Cloud Recovery is available for HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, wired network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: https://support.hp.com/us-en/document/c05115630
- 24. HP Client Security Suite Gen 4 requires Windows and Intel® or AMD 7th or 8th generation processors.
- 25. HP Password Manager requires Internet Explorer or Chrome or Firefox. Some websites and applications may not be supported. User may need to enable or allow the add-on / extension in the internet browser.
- 26. Windows Defender Opt In, Windows 10, and internet connection required for updates.
- 27. 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).
- 28. HP Sure Click is available on most HP PCs and supports Microsoft® Internet Explorer and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.

POWER

Power Supply

HP Smart 65 W External AC power adapter²⁹
HP Smart 65 W EM External AC power adapter²⁹
HP Smart 65 W USB Type-C[™] adapter²⁹
HP Smart 45 W External AC power adapter²⁹
HP Smart 45 W USB Type-C[™] adapter²⁹

Primary Battery

HP Long Life 3-cell, 45 Wh Li-ion polymer³⁰

Battery Life

Up to 13 hours and 45 minutes31

Power Cord

3-wire plug - 1.8 m²⁹
3-wire plug - 1 m²⁹
2-wire plug - 1 m²⁹
Duckhead power cord - 1.0m²⁹
Duckhead power cord - 1.8m²⁹

Battery Weight

0.49 lb 0.22 kg

- 29. Availability may vary by country.
- 30. Battery is internal and not replaceable by customer. Serviceable by warranty.
- 31. 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 http://www.bapco.com for additional details.



Technical Specifications

WEIGHTS & DIMENSIONS

Weight

Starting at 4.41 lbs³² Starting at 2 kgs³²

Dimensions (w x d x h)

14.37 x 10.11 x 0.75 in 36.49 x 25.69 x 1.9 cm

32. Weight will vary by configuration.

PORTS/SLOTS

Ports

1 USB 3.1 Type-C[™] Gen 1 (Power delivery, DisplayPort[™] 1.2) 2 USB 3.1 Gen 1 1 USB 2.0 (charging) 1 HDMI 1.4b³³ 1 RJ-45 1 AC power 1 Headphone/Microphone Combo Jack

Expansion Slots

1 SD

Supports SD, SDHC, SDXC

33. HDMI cable sold separately.



Technical Specifications

SERVICE AND SUPPORT

HP Services offers 3-year and 1-year limited warranties and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty except for Long Life batteries which will have same 1-year or 3-year limited warranty as the platform. 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.³⁴

34. 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 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.

ENVIRONMENTAL & INDUSTRY

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 more of these marks:				
	 IT ECO declaration US ENERGY STAR® EPEAT® Silver registered in the United States. See http://www.epeat.net for registration status in your country. 				
	• TCO Certified 8.0				
System Configuration	The configuration used for the Energy Consumption and Declared Noise Emissions data for the Notebook model is based on a Typically Configured Notebook.				
Energy Consumption (in accordance with US ENERGY STAR® test					
method)	115VAC, 60Hz	230VAC		100VAC, 50Hz	
Normal Operation	7.452 W	7.620	O W	7.512 W	
(Short idle)					
Normal Operation	4.884 W	5.052 W		4.932 W	
(Long idle)					
Sleep	0.528 W	0.576 W		0.540 W	
Off	0.312 W	0.336		0.312 W	
	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)	25 BTU/hr	26 BTU/hr		26 BTU/hr	
Normal Operation	17 BTU/hr	17 BTU/hr		17 BTU/hr	
(Long idle)					
Sleep	2 BTU/hr	2 BTU/hr		2 BTU/hr	
Off	1 BTU/hr	1 BTU/hr 1 BTU/hr 1 BTU/		1 BTU/hr	
	Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.				
Declared Noise	Sound Power		Sound Pressure		
Emissions	(L _{WAd} , bels)		(L _{pAm} , decibels)	



Technical Specifications

(in accordance with ISO 7779 and ISO 9296)				
Typically Configured – Idle	2.7			14
Fixed Disk – Random writes		3.1 14		
Longevity and Upgrading	This product can be upgraded, possibly extending its useful life by several years. Upgradeable features and/or components contained in the product may include: 3 USB ports 1 PC card slot (type I/II) 1 ExpressCard/54 slot 1 IEEE 1394 Port 2 SODIMM memory slots Optional expansion base docking station 1 multi-bay II storage port Interchangeable HDD Spare parts are available throughout the warranty period and or for up to "5" years after the end of			
Batteries	production. This battery(s) in this product comply with EU Directive 2006/66/EC Batteries used in the product do not contain: Mercury greater the1ppm by weight Cadmium greater than 20ppm by weight Battery size: CR2032 (coin cell) Battery type: lithium/manganese dioxide			
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 (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 1680.1 (EPEAT) standard at the Silver level, see http://www.epeat.net Plastics parts weighing over 25 grams used in the product are marked per IS011469 and IS01043. This product contains 3% post-consumer recycled plastic (by wt.) This product is 94.5% recycle-able when properly disposed of at end of life. 			
Packaging Materials	External:	PAPER/Corrugated		295 g
	Internal:	PLASTIC/Polyethylene Expand		68 g
		PLASTIC/Polyethylene low der		10 g
Material Usage	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/pdf/gse.pdf): • Asbestos • Certain Azo Colorants • Certain Brominated Flame Retardants – may not be used as flame retardants in plastics • Cadmium • Chlorinated Hydrocarbons			



Technical Specifications

	Chlorinated Paraffins	
	• 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	
	carried by the user.	
	Ozone Depleting Substances	
	Polybrominated Biphenyls (PBBs)	
	Polybrominated Biphenyl Ethers (PBBEs)	
	Polybrominated Biphenyl Oxides (PBBOs)	
	Polychlorinated Biphenyl (PCB)	
	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 Management	HP Inc. offers end-of-life HP product return and recycling programs in many geographic areas. To	
and Recycling	recycle your product, please go to: http://www.hp.com/go/reuse-recycle or contact your nearest	
g	HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible	
	manner.	
	The EU MEET diverties (2002/05/55) we wise a great factor and the control of the	
	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	For more information about HP's commitment to the environment:	
Environmental		
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://www.hp.com/hpinfo/globalcitizenship/environment/pdf/PC_GBU_Product_Design_ISO_14K	
	_Certificate.pdf and	
	http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf	



Technical Specifications

SYSTEM UNIT

Stand-Alone Power Requirements

(AC Power)

Nominal Operating Voltage 19V

Average Operating Power Windows 10

Integrated graphics Data is not available (APU 15W)

Max Operating Power UMA < 45W

Temperature

Operating 32° to 95° F (0° to 35° C) Non-operating -4° to 140° F (-20° to 60° C)

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 0.75 grms Non-operating 1.50 grms

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

UL Yes
CSA Yes
FCC Compliance Yes

ENERGY STAR® Selected models³⁵ EPEAT® 2019 Yes, Silver in U.S.³⁶

ICES Yes Australia / Yes NZ A-Tick Compliance Yes Yes Japan VCCI Compliance Yes KC Yes **BSMI** Yes **CE Marking Compliance** Yes **BNCI or BELUS** Yes CIT Yes GOST Yes Saudi Arabian Compliance (ICCP) Yes SABS Yes **UKRSERTCOMPUTER** Yes

35. Configurations of the HP ProBook 455R G6 that are ENERGY STAR® qualified are identified as HP ProBook 455R G6 ENERGY STAR on HP websites and on http://www.energystar.gov.

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



Technical Specifications

DISPLAYS

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

Panel LCD 14 inch diagonal FHD (1920 x 1080) Anti-Glare WLED UWVA 45% NTSC 250 nits eDP slim

 Outline Dimensions (W x H x D)
 316.17 x 197.98 (max)

 Active Area
 309.37 x 174.02 (typ.)

Weight285 g (max)Diagonal Size14.0 inchThickness3.0 mm (max)InterfaceeDP 1.2 (2 lane)Surface TreatmentAnti-glare

Touch Enabled No

Contrast Ratio600:1 (typ)Refresh Rate60 HzBrightness250 nits

Pixel Resolution 1920 x 1080 (FHD)

Format of LCD Pixel Arrangement RGB Backlight LED

Color Gamut Coverage 45% of NTSC

Color Depth 6 bits

Viewing Angle UWVA 85/85/85

Panel LCD 15.6 inch diagonal FHD (1920x1080) Anti-Glare WLED UWVA 45% NTSC 220nits eDP slim NB

 Outline Dimensions (W x H x D)
 350.96 x 216.75 (max)

 Active Area
 344.16 x 193.59 (typ)

Weight <370 g max.
Diagonal Size 15.6"

Thickness 3.2 mm max.
Interface eDP 1.2
Surface Treatment Anti-glare
Touch Enabled No

Contrast Ratio 600:1 (typ) - AG

Refresh Rate 60 Hz

Brightness 220 nits typical (Panel Only)

Pixel Resolution 1920 x 1080 (FHD)

Format of LCD Pixel Arrangement RGB Backlight LED

Color Gamut Coverage45% of NTSCColor Depth6 bits + Hi FRCViewing AngleUWVA 85/85/85/85



Technical Specifications

Panel LCD 15.6 inch diagonal Active Area
HD (1366x768) Anti-Glare Weight
WLED SVA 45% NTSC 220nits
eDP 1.2 w/o PSR slim NB

Active Area 344.16 x 193.59 (typ)

Weight <370 g max.

Diagonal Size 15.6"

Thickness3.2 mm max.InterfaceeDP 1.2Surface TreatmentAnti-glare

Touch Enabled No

Contrast Ratio300:1 (typ)Refresh Rate60 Hz

Brightness 220 nits typical (Panel Only)

Pixel Resolution 1366 x 768 (HD)

Format of LCD Pixel Arrangement RGB Backlight LED

Color Gamut Coverage45% of NTSCColor Depth6 bits + Hi FRCViewing AngleSVA 40/40/15/30



Technical Specifications

STORAGE AND DRIVES

HARD DRIVES

500 GB 7200 rpm SATA Hard Drive

Drive Weight 0.20 lbs (92 g) ~ 0.21 lbs (95 g)

Rotation speed 7200 rpm

Cache Buffer Up to 32 MB

Height 0.28 in (7 mm)

Width 2.75 in (69.85 mm)

Interface ATA-8, SATA 3.0

Transfer Rate 600 MB/s

Seek Time Single Track: 2 ~ 1.5 ms Average: 11 ~ 13 ms

Maximum: 18 ~ 22 ms

Logical Blocks 976,773,168

Operating Temperature 32° to 140° F (0° to 60° C) [top cover temp]

Security Features ATA Security

Features S.M.A.R.T., NCQ, Ultra DMA

1 TB 5400 rpm SATA Hard Drive
 Drive Weight
 0.21 lbs (94 g)

 Rotation speed
 5400 rpm

 Cache Buffer
 Up to 32 MB

 Height
 0.28 in (7.2 mm)

 Width
 2.75 in (69.85 mm)

 Interface
 ATA-8, SATA 3.0

 Transfer Rate
 600 MB/s

Seek Time Single Track 2 ms

Average 12 ~ 13 ms Maximum 18 ~ 22 ms

Logical Blocks 1,953,525,168

Operating Temperature 32° to 140° F (0° to 60° C) [top cover temp]

Security Features ATA Security

Features S.M.A.R.T., NCQ, Ultra DMA

SSD 128 GB 2280 M2 SATA-3 TLC Form Factor M.2 2280
Capacity 128 GB
NAND Type TLC

Height 0.09 in (2.3 mm)
Width 0.87 in (22 mm)
Weight 0.02 lb (10 g)
Interface ATA-8, SATA 3.0
Maximum Sequential Read Up To 520 MB/s
Maximum Sequential Write Up To 450 MB/s
Logical Blocks 250,069,680

Operating Temperature 32° to 158°F (0° to 70°C) [ambient temp]



Technical Specifications

Features DIPM; TRIM; DEVSLP

256 GB 2280 PCIe NVMe Value Solid State Drive Form Factor M.2 2280
Capacity 256 GB
NAND Type Value

Height 0.09 in (2.3 mm)
Width 0.87 in (22 mm)
Interface PCIe NVMe Gen 3
Maximum Sequential Read Up To 1700 MB/s
Maximum Sequential Write Up To 1300 MB/s
Logical Blocks 500,118,192

Operating Temperature 32° to 158°F (0° to 70°C) [ambient temp]

Features TRIM; L1.2

512 GB 2280 M2 PCIe NVMe TLC Solid State Drive Form Factor M.2 2280
Capacity 512 GB
NAND Type TLC

Height0.09 in (2.3 mm)Width0.87 in (22 mm)InterfacePCIe NVMe Gen 3X4Maximum Sequential ReadUp To 2600 MB/sMaximum Sequential WriteUp To 1400 MB/sLogical Blocks1,000,215,216

Operating Temperature 32° to 158°F (0° to 70°C) [ambient temp]

Features TRIM; L1.2

SSD 512 GB 2280 PCIe NVMe Form Factor Value Capacity

Form FactorM.2 2280Capacity512 GBNAND TypeValue

Height 0.09 in (2.3 mm)
Width 0.87 in (22 mm)
Weight 0.02 plb (10 g)
Interface PCIe NVMe Gen 3X4
Maximum Sequential Read Up To 1700 MB/s
Maximum Sequential Write Up To 1500 MB/s
Logical Blocks 1,000,215,215

Operating Temperature 32° to 158°F (0° to 70°C) [ambient temp]

Features TRIM; L1.2

Technical Specifications

NETWORKING/COMMUNICATIONS

WLAN

Realtek 802.11a/b/g/n/ac Wireless LAN Standards

(2x2) WiFi® and Bluetooth®

4.2 Combo¹

IEEE 802.11a IEEE 802.11b

IEEE 802.11a

IEEE 802.11n

IEEE 802.11ac Wi-Fi® certified

Interoperability **Frequency Band**

802.11b/q/n

• 2.402 - 2.482 GHz

802.11a/n/ac

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

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

 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps • 802.11n: MCS 0 ~ MCS 15, (20MHz, and 40MHz)

802.11ac: MCS0 ~ MCS9, (1SS, and 2SS) (20MHz, 40MHz, and 80MHz)

Modulation **Direct Sequence Spread Spectrum**

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

Security³

• IEEE and WiFi compliant 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 certification

• IEEE 802.11i

WAPI

Network Architecture

Models

Ad-hoc (Peer to Peer)

Infrastructure (Access Point Required)

Roaming

IEEE 802.11 compliant roaming between access points

Output Power²

• 802.11b: +14dBm minimum

802.11q: +12dBm minimum

• 802.11a: +12dBm minimum

802.11n HT20(2.4GHz): +12dBm minimum

802.11n HT40(2.4GHz): +12dBm minimum

• 802.11n HT20(5GHz): +10dBm minimum

802.11n HT40(5GHz): +10dBm minimum

802.11ac VHT80(5GHz): +10dBm minimum

Power Consumption Transmit mode 2.0 W

Receive mode 1.6 W

Idle mode (PSP) 180 mW (WLAN Associated) Idle mode 50 mW (WLAN unassociated)

Connected Standby 10 mW

Radio disabled 8 mW

Power Management ACPI and PCI Express compliant power management

802.11 compliant power saving mode

Technical Specifications

Receiver Sensitivity³ 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

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 Type 2230: 2.3 x 22.0 x 30.0 mm

 Weight
 Type 2230: 2.8g

 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 White – Radio ON

1. Check latest software/driver release for updates on supported security features.

2. Maximum output power may vary by country according to local regulations.

3. 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).

HP Integrated Module with Bluetooth 4.0/4.1/4.2 Wireless Technology

Bluetooth Specification4.0/4.1/4.2 CompliantFrequency Band2402 to 2480 MHzNumber of AvailableLegacy: 0~79 (1 MHz/CH)ChannelsBLE: 0~39 (2 MHz/CH)

Signaling Data Rate⁴ Legacy: 3 Mbps signaling data rate¹ 2.17 Mbps

BLE: 1 Mbps signaling data rate¹ 0.2 Mbps

1. Actual throughput may vary.

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.

Power Consumption Peak (Tx) 330 mW

Peak (Rx) 230 mW Selective Suspend 17 mW

Electrical Interface USB 2.0 compliant

Bluetooth Software

Supported Link Topology Microsoft Windows Bluetooth Software

Power Management Microsoft Windows ACPI, and USB Bus Support

Technical Specifications

Certifications FCC (47 CFR) Part 15C, Section 15.247 & 15.249

Power Management ETS 300 328, ETS 300 826

Certifications Low Voltage Directive IEC950UL, CSA, and CE Mark

Bluetooth Profiles BT4.1-ESR 5/6/7 Compliance

Supported LE Link Layer Ping
LE Dual Mode

LE Link Layer
LE Low Duty Cycle Directed Advertising

LE L2CAP Connection Oriented Channels
Train Nudging & Interlaced Scan

BT4.2 ESR08 Compliance

LE Secure Connection- Basic/Full LE Privacy 1.2 -Link Layer Privacy

LE Privacy 1.2 - Extended Scanner Filter Policies

LE Data Packet Length Extension

FAX Profile (FAX)

Basic Imaging Profile (BIP)2 Headset Profile (HSP) Hands Free Profile (HFP)

Advanced Audio Distribution Profile (A2DP)

- 1. Check latest software/driver release for updates on supported security features.
- 2. Maximum output power may vary by country according to local regulations.
- 3. 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).
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Realtek 802.11a/b/g/n/ac Wireless LAN Standards

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• 2.402 - 2.482 GHz

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ACPI and PCI Express compliant power management

802.11 compliant power saving mode

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Bluetooth Specification 4.0/4.1/4.2 Compliant **Frequency Band** 2402 to 2480 MHz



Technical Specifications

Number of Available

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

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Peak (Rx) 230 mW

Selective Suspend 17 mW

Electrical Interface USB 2.0 compliant

Bluetooth Software

Supported Link Topology Microsoft Windows Bluetooth Software

Power Management

Certifications

Power Management

Certifications

Microsoft Windows ACPI, and USB Bus Support FCC (47 CFR) Part 15C, Section 15.247 & 15.249

ETS 300 328, ETS 300 826 Low Voltage Directive IEC950

UL, CSA, and CE Mark

Bluetooth Profiles Supported

BT4.1-ESR 5/6/7 Compliance

LE Link Layer Ping LE Dual Mode LE Link Layer

LE Low Duty Cycle Directed Advertising LE L2CAP Connection Oriented Channels

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- 3. 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).
- 4. Actual throughput may vary



Technical Specifications

POWER

HP 45 W Smart AC adapter Dimensions (H x W x D)

3.74 x 1.57 x 1.04 in (9.5 x 4.0 x 2.65 cm)

Weight

0.386 lb (175g) max

Input

90 to 265 VAC **Input Efficiency**

87.74% at 115Vac and 88.4% at 230Vac

Input frequency range

47 to 63 Hz

Input AC current

1.4 A at 90 VAC

Output

Output power 45W

DC output 19.5V

Hold-up time 5 msec at 115 VAC input

Output current limit

Connector

4.5mm Barrel Type, 3 pin/grounded, mates with interchangeable cords

Environmental Design

Operating temperature 32° F to 95° F (0° to 35° C)

Non-operating (storage)

temperature

-4° F to 1850F (-200 to 85° C)

Altitude 0 to 16,400 ft (0 to 5,000 m)

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

EMI and Safety Certifications

*CE Mark - full compliance with LVD and EMC directives

* Worldwide safety standards - IEC60950, EN60950, UL60950, Class1, SELV: Agency approvals - C-UL-US, NORDICS, DENAN, EN55022 Class B.

FCC Class B, CISPR22 Class B, CCC, NOM-1 NYCE.

* MTBF - over 200,000 hours at 25°C ambient condition.

HP 65 W Smart AC adapter **Dimensions**

90 x 51 x 28.5mm

Weight

unit: 220g +/- 10g

Input

Input Efficiency 88% min at 115 VAC and 89% min at 230 VAC

Input frequency range

47 to 63 Hz

Input AC current

1.7 A at 90 VAC

Output

Output power 65W

19.5V

DC output

Hold-up time

5 msec at 115 VAC input

Output current limit

<11.0A

Connector

Environmental Design

4.5mm Barrel Type, 3 pin/grounded, mates with interchangeable cords

Operating

temperature

32° F to 95° F (0° to 35° C)

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

temperature Altitude

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



Technical Specifications

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

Storage Humidity

*CE Mark - full compliance with LVD and EMC directives

* Worldwide safety standards - IEC60950, EN60950, UL60950, Class1, SELV; Agency approvals - C-UL-US, NORDICS, DENAN, EN55022 Class B,

FCC Class B, CISPR22 Class B, CCC, NOM-1 NYCE.

* MTBF - over 200,000 hours at 25°C ambient condition.

HP 65 W EM Smart AC adapter
 Dimensions
 102 x 55 x 30mm

 Weight
 270g +/- 10g

Input Input Efficiency 87% min at 115V/230V

Input frequency range 47 to 63 Hz

Input AC current 1.7 A at 90 VAC and maximum load

DC output 65 W(19.5V/3.33A)

Hold-up time 5 msec at 115 VAC input

Output current limit <11A, Over voltage protection- 29V max

automatic shutdown

Connector 4.5mm Barrel Type, 3 pin/grounded, mates with interchangeable cords

Environmental Design Operating 0° to 35° C

temperature

Non-operating (storage) -20° to 85° C

temperature

Altitude 0 to 5,000 m
Humidity 0% to 95%
Storage Humidity 0% to 95%

EMI and Safety Certifications

EMI and Safety

Certifications

*CE Mark - full compliance with LVD and EMC directives

* Worldwide safety standards - IEC60950, EN60950, UL60950, Class1, SELV; Agency approvals - C-UL-US, NORDICS, DENAN, EN55022 Class B,

FCC Class B, CISPR22 Class B, CCC, NOM-1 NYCE.

* MTBF - over 200,000 hours at 25°C ambient condition.

AC Adapter 65 W nPFC USB type C

 Dimensions
 74 x 74 x 28.5mm

 Weight
 unit: 245g +/- 10g

Input Input Efficiency 81.5% min at 115 Vac/ 230 Vac @ 5V/3A

86.7% min at 115 Vac/ 230Vac @ 9V/3A 88% min at 115 Vac/ 230Vac @ 10V/5A 88% min at 115 Vac/ 230Vac @ 12V/5A 89% min at 115 Vac/ 230Vac @ 15V/4.33A 89% min at 115 Vac/ 230Vac @ 20V/3.25A

Input frequency range 47 to 63 Hz

Input AC current 1.7 A at 90 VAC and maximum load

Output power 65W

DC output 5V/9V/10V/12V/15V/20V

Technical Specifications

Hold-up time 5ms at 115 Vac input

Output current limit <8.0A

Connector

Type C

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 0% to 95% **Storage Humidity** 0% to 95%

EMI and Safety Certifications

Input

*CE Mark - full compliance with LVD and EMC directives

* Worldwide safety standards - IEC60950, EN60950, UL60950, Class1, SELV; Agency approvals - C-UL-US, NORDICS, DENAN, EN55022 Class B,

FCC Class B, CISPR22 Class B, CCC, NOM-1 NYCE.

* MTBF - over 200,000 hours at 25°C ambient condition.

AC Adapter 45 W nPFC USB type C

Dimensions 62.0 x 62.0 x 28.5mm

Weight unit: 220g +/- 10g

> **Input Efficiency** Average Efficiency of 25%, 50%, 75%, 100%

load condition with 115Vac/230Vac Spec:5V: 81.5%9V: 86.7%10V: 87.5%12V: 87.8%15V:

87.8%20V: 87.8%

Input frequency range 47 to 63 Hz

Input AC current Max. 1.4 A at 90 Vac

Output power 5V/15W

> 9V/27W 10V/37.5W 12V/45W 15V/45W 20V/45W

DC output 5V/9V/10V/12V/15V/20V Hold-up time 5ms at 115 Vac input

Output current limit <5.0A

Connector Type C

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 -4° F to 185° F (-20° to 85° C)

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

EMI and Safety Certifications

*CE Mark - full compliance with LVD and EMC directives

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FCC Class B. CISPR22 Class B. CCC. NOM-1 NYCE.

Technical Specifications

* MTBF - over 200,000 hours at 25°C ambient condition.

3 Cell WHr 45 Long Life -Polymer HP Fast Charge Technology¹ **Dimensions (H x W x L)** 6.0. x 184.7 x 88.9 mm

Weight 0.22 kg (0.48lb)
Cells/Type 3cell Lithium-Ion

Energy

Voltage 11.55 V
Amp-hour capacity 3.900Ah
Watt-hour capacity 45Wh

Temperature

Operating (Charging) 32° to 113° F (0° to 45° C) **Operating (Discharging)** 14° to 122° F (-10° to 60° C)

No

Optional Travel Battery

Available

1. Recharges the battery up to 50% within 30 minutes when the system is off or in standby mode when used with the power adapter provided with the notebook. After charging has reached 50% capacity, charging speed will return to normal. Charging time may vary +/-10% due to System tolerance.



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

Туре	Description	Part Number
Cases	HP Essential Top Load Case	H2W17AA#xxx
	HP Essential Backpack (up to 15.6")	H1D24AA
	HP Essential Messenger Case (up to 17.3")	H1D25AA
Docking	HP USB-C Mini Dock	1PM64AA#xxx
	HP USB-C Universal Dock	1MK33AA#xxx
	HP USB-C Dock G4	3FF69AA#xxx
	HP TB Dock 120W w/Audio	3YE87AA#xxx
	HP Thunderbolt Dock 120W G2	2UK37AA#xxx
	HP TB Dock G2 w/ Combo Cable	3TR87AA#xxx
	HP TB Dock 120W G2 Cable	3XB94AA
	HP TB Dock G2 Combo Cable	3XB96AA
	HP TB Dock G2 Audio Module	3AQ21AA
	HP USB Travel Dock	TOK30AA#xxx
	DIB HP 400G6 HDD Bracket Kit	5LV47AV
Input/Output	HDMI to VGA Adapter	H4F02AA
	HP USB-C to HDMI 2.0 Adapter	1WC36AA
	HP USB-C to VGA Adapter	N9K76AA
	HP USB Essential Keyboard and Mouse	H6L29AA
	HP Ultra Mobile Wireless Mouse	H6F25AA#xxx
	HP Comfort Grip Wireless Mouse	H2L63AA
	HP 3-Button USB Laser Mouse	H4B81AA
	HP USB Travel Mouse	G1K28AA
	HP USB Collaboration Keyboard	Z9N38AA#xxx
UCC	HP UC Speaker Phone	4VW02AA
	HP Stereo 3.5 mm Headset	T1A66AA
	HP Stereo USB Headset	T1A67AA
Power	HP Power Bank	N9F71AA#xxx
	HP 45W LC USB-C Power Adapter	1MZ01AA#ABA
	HP 45W Smart AC Adapter 4.5mm	H6Y88AA#xxx
	HP 65W Slim AC Adapter	H6Y82AA#xxx
	HP 65W USB-C Power Adapter	3PN48AA
	HP 45W USB-C Power Adapter	1HE07AA#xxx
	HP 65W USB-C Power Adapter	1HE08AA#xxx
	HP USB-C Power Bank	2NA10AA#xxx
Storage	HP External USB Optical Drive	F2B56AA
	HP 500GB 7200rpm HDD	F3B97AA
	HP 512GB TLC PCI-e 3x4 NVMe SSD (2280)	1FU88AA



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

Memory	4GB 2666MHz DDR4	4VN05AA
	8GB 2666MHz DDR4	4VN06AA
	16GB 2666 MHz DDR4	4VN07AA
Security	HP Essential Keyed Cable lock 12.3mm	TOY14AA
	HP Keyed Cable Lock 10mm	T1A62AA
	HP UltraSlim Keyed Cable Lock	T1A62AA
Displays	HP ProDisplay P240va 23.8 inch Monitor	N3H14AA
	HP ProDisplay P232 23 inch Monitor	K7X31AA
	HP EliteDisplay E223 21.5 inch Monitor	1FH45AA
	HP EliteDisplay E243 23.8-inch Monitor	1FH47AA
	HP EliteDisplay S14 14-inch Portable Display	3HX46AA



Summary of Changes

Date of change:	Version History:		Description of change:
May 7, 2019	V1 to V2	Added	Environmental section, Updated at a glance section
June 10, 2019	V2 to V3	Added	HP Cloud Recovery
July 17, 2019	V3 to V4	Updated	Processor
July 24, 2019	V4 to V5	Updated	Color Gamut Format
July 25, 2019	V5 to V6	Added	Speaker to Audio Section
September 20, 2019	V6 to V7	Updated	Lock Slot and 250nits Panel
October 11, 2019	V7 to V8	Added	DisplayPort™ 1.2

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