



HP Sales Central

HP ProBook 450 G7 Notebook PC (9UQ34PA)

Active as of 11/12/2019



Overview

Business class power, affordably priced

Full-featured, thin, and light, the reliable HP ProBook 450 offers essential commercial features at an affordable price to every business. Automatic security solutions, powerful performance, and long battery life help keep your business productive.

Ready to meet the demands of your day

Equipped with the latest 10th Gen Intel® processor³, long battery life, and speedy connectivity, the multi-tasking HP ProBook 450 laptop is ready to get you through your deadline-driven workday.

Proven reliability

The ultraslim HP ProBook 450 opens 180° and passed 19 MIL-STD 810G tests⁴. It features a durable and stylish aluminum cover that holds the near borderless display and a CNC keyboard deck.

Multi-layered security protection

Your growing business requires the protection of a PC with commercial-grade security features. The HP ProBook 450 is enhanced with security and privacy features from the BIOS up.

Specifications

Operating system

Windows 10 Home 64 – HP recommends Windows 10 Pro.

Processor family

10th Generation Intel® Core™ i3 processor

Processor

Intel® Core™ i3-10110U processor with Intel® UHD Graphics 620 (2.1 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 4 MB L3 cache, 2 cores)^{6,7}

MDA key selling point

Windows 10 or other operating systems available

Management features

HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen3

Environmental

Low halogen; TCO 5.0 Certified

Security management

Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Fingerprint Sensor; HP Secure Erase; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; Windows Defender; HP Sure Start Gen5; HP BIOSphere Gen5; HP Client Security Gen5; HP Sure Sense

Memory

8 GB DDR4-2666 SDRAM (1 x 8 GB)

Memory Slots

2 SODIMM

Internal Storage

256 GB PCIe® NVMe™ SSD

Graphics

Integrated

Graphics (integrated)

Intel® UHD Graphics 620

Ports

1 USB 3.1 Type-C™ Gen 1 (Power delivery, DisplayPort™); 2 USB 3.1 Gen 1; 1 HDMI 1.4b; 1 RJ-45; 1 headphone/microphone combo; 1 AC power; 1 USB 2.0 (powered port)

(HDMI cable sold separately.)

Expansion slots

1 SD

Camera

720p HD Camera + IR Camera

Audio features

Stereo speakers, integrated microphone (mono or dual array)

Pointing device

Clickpad with multi-touch gesture support

Keyboard

HP Premium Keyboard, spill-resistant with optional backlit

Network interface

Realtek 10/100/1000 GbE NIC

Wireless

Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 Combo, non-vPro™

Power

HP Smart 65 W External AC power adapter

Battery type

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

Energy efficiency

ENERGY STAR® certified

Product color

Pike silver plastic

Minimum dimensions (W x D x H)

36.49 x 25.69 x 1.9 cm

Weight

Starting at 2 kg (non-touch)

UPC number

194850024757

Software

HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP JumpStart; HP Noise Cancellation Software; HP Support Assistant; Buy Office (Sold separately)

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.³¹

Overview

- 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 MIL STD 810G testing is not intended to demonstrate fitness for 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.

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, branding and/or naming 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.
- 31 HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

Assets

Data sheet (1)

AP datasheet for HP ProBook 450 G7 Notebook PC (English version)

AP datasheet with messaging and technical specification for HP ProBook 450 G7 Notebook PC (English version)

Quick specs (1)

WW NB - HP ProBook 450 G7 Notebook PC - 07/30 - EN


HP ProBook 450 G7 Notebook PC

Success story (1)

New England Institute of Technology relies on high performance of HP technology


To meet its needs for reliability and high-end performance, New England Institute of Technology standardized on HP products ranging from HP All-in-One and EliteBook PCs to HP Digital Signage. HP Workstations are showcased in the new HP Gaming Lab.

Images - Product (7)




Center facing

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 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)
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 1500 x 1435 (jpg) 2924 x 1986 (png)
 2932 x 2084 (jpg)




Left facing

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 3054 x 2022 (jpg)




Right facing

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Left rear facing

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Rear facing

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800 x 600 (png)	1659 x 1246 (png)
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Accessories

Audio/Multimedia and Communication Devices

Headsets

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

Phones

Active	HP UC Speaker Phone	4VW02AA
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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
Active	HP 65W USB-C Slim Travel Power Adapter	3PN48AA

Power Adapters

Active	HP 45W USB-C G2 Power Adapter	1HE07AA
Active	HP 65W USB-C Power Adapter	1HE08AA

Power Packs

Active	HP Notebook Power Bank	N9F71AA
Active	HP USB-C Essential Power Bank	3TB55AA
Active	HP USB-C Notebook Power Bank	2NA10AA

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

Cables/Cable Kits/Cable Adapters

Audio and Video Cables

Active	HP HDMI to DVI Adapter	F5A28AA
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Cable Adapters

Active	HP Thunderbolt 120W G2 Cable	3XB94AA
Active	HP Thunderbolt Dock G2 Combo Cable	3XB96AA
Active	HP USB-C to DP Adapter	N9K78AA
Active	HP USB-C to HDMI 2.0	1WC36AA
Active	HP USB-C to USB 3.0 Adapter	N2Z63AA
Active	HP USB-C to USB-A Hub	Z6A00AA
Active	HP USB-C to VGA Adapter	N9K76AA

Cases and Covers

Backpacks

Active	HP 17.3 Business Backpack	2SC67AA
Active	HP Essential Backpack	H1D24AA
Active	HP Executive 15.6 Backpack	6KD07AA
Active	HP Executive 17.3 Backpack	6KD05AA
Active	HP Prelude Backpack 15.6	2MW63AA
Active	HP Slim Backpack	F3W16AA

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 All in One Carry On Luggage	7ZE80AA
Active	HP Essential Top Load Case	H2W17AA
Active	HP Executive 15.6 Leather Top Load	6KD09AA
Active	HP Executive 15.6 Top Load	6KD06AA
Active	HP Executive 17.3 Top Load	6KD08AA
Active	HP Prelude Top Load 15.6	2MW62AA
Active	HP Slim Professional Top Load Case	F3W15AA

Covers

Active	HP Slim 15.6-inch Sleeve	F8A00AA
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Docking and Port Replicators

Docking Accessories

Active	HP Thunderbolt Dock Audio Module	3AQ21AA
Active	HP USB-C Universal Dock Non Flash	3DV65AA

Docking Stations

Active	HP Thunderbolt Dock 120W G2	2UK37AA
Active	HP Thunderbolt Dock 120W G2 with Audio	3YE87AA
Active	HP Thunderbolt Dock G2 with Combo Cable	3TR87AA
Active	HP USB-C Dock G5	5TW10AA
Active	HP USB-C Mini Dock	1PM64AA

Active	HP USB-C Universal Dock	1MK33AA
Active	HP USB-C Universal Dock with 4.5 mm and USB Dock Adapter	2UF95AA
Active	HP USB-C/A Universal Dock G2	5TW13AA

Graphics Cards

Graphics Connectors/Adapters

Active	HP HDMI to VGA Adapter	H4F02AA
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Keyboards/Mice 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

Keyboards

Active	HP Conferencing Keyboard	K8P74AA
Active	HP Wireless (Link-5) Keyboard	T6U20AA
Active	HP Wireless Collaboration Keyboard	Z9N39AA

Mice

Active	HP 3-button USB Laser Mouse	H4B81AA
Active	HP Bluetooth Travel Mouse	6SP30AA
Active	HP Comfort Grip Wireless Mouse	H2L63AA
Active	HP Elite Presenter Mouse	2CE30AA
Active	HP Essential USB Mouse	2TX37AA
Active	HP Slim Bluetooth Mouse	F3J92AA
Active	HP Ultra Mobile Wireless Mouse	H6F25AA
Active	HP Wireless Premium Mouse	1JR31AA
Active	HP X3000 Wireless Mouse	H4K60AA
Active	HP X4000b Bluetooth Mouse	H3T50AA
Active	USB Travel Mouse	G1K28AA

Memory

DDR4 Memory

Active	HP 4 GB 2666 MHz DDR4 Memory	4VN05AA
Active	HP 8 GB 2666 MHz DDR4 Memory	4VN06AA
Active	HP 16 GB 2666 MHz DDR4 Memory	4VN07AA

PC Drives and Storage

PC DVD Drives

Active	HP External USB DVDRW Drive	F2B56AA
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PC Solid State Drives

Active	HP 256 GB TLC M.2 SATA-3 Solid State Drive	1DE48AA
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Point of Sales System Options

POS Display Accessories

Active	HP Engage One 10.1-inch Display	1XD80AA
Active	HP Engage One 10.1-inch Touch Display	1XD81AA
Active	HP Engage One W 10.1-inch Display	3FH66AA
Active	HP Engage One W 10.1-inch Touch Display	3FH67AA

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 Keyed Cable Lock 10 mm	T1A62AA
Active	HP Master Keyed Cable Lock 10mm	T1A63AA
Active	HP Sure Key Cable Lock	6UW42AA

Privacy Filter

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

Compatible Products

Business Monitors

Business LCD Monitors

Active	HP P204 19.5-inch Monitor	5RD65AA
Active	HP P204v 19.5-inch Monitor	5RD66AA

EliteDisplays

Active	HP E344c 34-inch Curved Monitor	6GJ95AA
Active	HP EliteDisplay E202 20-inch Monitor	M1F41AA
Active	HP EliteDisplay E223 21.5-inch Monitor	1FH45AA
Active	HP EliteDisplay E223d 21.5-inch Docking Monitor	5VT82AA
Active	HP EliteDisplay E230t 23-inch Touch Monitor	W2Z50AA
Active	HP EliteDisplay E233 23-inch Monitor	1FH46AA
Active	HP EliteDisplay E233 23-inch Monitor Head Only	2PD30AA
Active	HP EliteDisplay E243 23.8-inch Monitor	1FH47AA
Active	HP EliteDisplay E243 23.8-inch Monitor Head Only	3XQ67AA
Active	HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AA
Active	HP EliteDisplay E243i 24-inch Monitor	1FH49AA
Active	HP EliteDisplay E243i 24-inch Monitor Head Only	3JM87AA
Active	HP EliteDisplay E243m 23.8-inch Monitor	1FH48AA
Active	HP EliteDisplay E243p 23.8-inch Sure View Monitor	5FT13AA
Active	HP EliteDisplay E273 27-inch Monitor	1FH50AA
Active	HP EliteDisplay E273d 27-inch Docking Monitor	5WN63AA
Active	HP EliteDisplay E273m 27-inch Monitor	1FH51AA
Active	HP EliteDisplay E273q 27-inch Monitor	1FH52AA
Active	HP EliteDisplay E324q 31.5-inch QHD Monitor	5DP31AA
Active	HP EliteDisplay S14 14-inch Portable Display	3HX46AA
Active	HP EliteDisplay S270n 27-inch 4k Micro Edge Monitor	2PD37AA
Active	HP EliteDisplay S340c 34-inch Curved Monitor	V4G46AA

E-Series

Active	HP E24d G4 FHD Advanced Docking Monitor	6PA50AA
Active	HP E27d G4 QHD Advanced Docking Monitor	6PA56AA

Healthcare Edition Displays

Active	HP Healthcare Edition HC241 Clinical Review Monitor	3ME68AA
Active	HP Healthcare Edition HC241p Clinical Review Monitor	3ME69AA
Active	HP Healthcare Edition HC270cr Clinical Review Monitor	1QW03AA
Active	HP Healthcare Edition HC271 Clinical Review Monitor	3ME70AA
Active	HP Healthcare Edition HC271p Clinical Review Monitor	3ME71AA

Large Format Display

Active	HP LD4312 4K Large Format Display	3XE86AA
Active	HP LD5512 4K UHD Conferencing Display	2YD85AA

ProDisplays

Active	HP Mini-in-One 24 Display	7AX23AA
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P-Series

Active	HP P22h G4 FHD Monitor	7UZ36AA
Active	HP P24h G4 FHD Monitor	7VH44AA
Active	HP P27h G4 FHD Monitor	7VH95AA

Value Displays

Active	HP N220 21.5-inch Monitor	Y6P09AA
Active	HP N220h 21.5-inch Monitor	4JF58AA
Active	HP N240 23.8-inch Monitor	Y6P10AA
Active	HP N240h 23.8-inch Monitor	2MW69AA
Active	HP N246v 23.8-inch Monitor	1RM28AA
Active	HP N270h 27-inch Monitor	2MW70AA
Active	HP P224 21.5-inch Monitor	5QG34AA
Active	HP P241v 23.8-inch Monitor	6CQ79AA
Active	HP P244 23.8-inch Monitor	5QG35AA
Active	HP V244h 23.8-inch Monitor	W1Y58AA
Active	HP V270 27-inch Monitor	2KZ35AA

Z Displays

Active	HP DreamColor Z24x G2 Display	1JR59A4
Active	HP DreamColor Z24x G2 Display	1JR59AT
Active	HP DreamColor Z27x G2 Studio Display	2NJ08A4
Active	HP DreamColor Z31x Studio Display	Z4Y82A4
Active	HP Z22n G2 21.5-inch Display	1JS05A4
Active	HP Z23n G2 23-inch Display	1JS06A4
Active	HP Z24n G2 24-inch Display	1JS09A4
Active	HP Z24nf G2 23.8-inch Display	1JS07A4
Active	HP Z27 27-inch 4K UHD Display	2TB68A4
Active	HP Z27n G2 27-inch Display	1JS10A4
Active	HP Z32 31.5-inch 4K UHD Display	1AA81A4
Active	HP Z38c 37.5-inch Curved Display	Z4W65A4
Active	HP Z43 42.5-inch 4K UHD Display	1AA85A4

Services

HP Care Pack Services

HP Recommends

Active	HP 3 year Next Business Day Onsite Hardware Support w/Battery Replacement Notebook (X1) L	UB3F7E
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

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/Battery Replacement Notebook (X1) L	UB3F7E
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 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 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 NBD Onsite Hardware Support w/Battery Replacement Notebook (X1) L	UB3F8E
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
Active	HP Channel Install Setting Migr 1-10u	UB3J3E
Active	HP Channel Install Setting Migr 10u	UB3J4E
Active	HP Channel Install User Settings 1-10u	UB3J1E
Active	HP Channel Install User Settings 10u	UB3J2E
Active	HP Channel Installation 10 units	UB3J0E

Personal Systems Hardware Support Onsite Service

Active	HP 1 year Next Business Day Onsite Hardware Support for Notebooks	UK701E
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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 NBD Onsite HW Support W/Accidental Damage Protection-G2 (Excess 55ex) for NB	U0VU9E
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-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 NBD Onsite HW Support W/Accidental Damage Protection-G2 (Excess 55ex) for NB	U0VV0E
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-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

Personal Systems Lifecycle Services

Optimize Services

Active	HP 3 yr Proactive Management Standard Service w/Next Business Day Onsite for Notebooks - 1 dvc	U9MC4E
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Software

Application Software

Desktop Application Software

Active	Microsoft Office 365 Business Premium	6MW80AA
Active	Microsoft Office 365 Home 6MW78AA	6MW78AA
Active	Microsoft Office 365 Personal 6MW79AA	6MW79AA
Active	Microsoft Office Home and Student 2019 for PC	6MW81AA
Active	MS Office Home and Business 2019 for PC 6MW82AA	6MW82AA

Detailed Specifications

Accessories

HP TB Dock 120W w/Audio 3YE87AA; HP USB-C Mini Dock 1PM64AA; HP E243d Docking Monitor 1TJ76AA; HP USB Essential Keyboard and Mouse H6L29AA; HP 45W Smart AC Adapter 4.5mm H6Y88AA

Audio features

Stereo speakers, integrated microphone (mono or dual array)

Battery life note

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

Battery type

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

Brightness

250 nits

Camera

720p HD Camera + IR Camera

Code name

Redpine 1.0

Color gamut

45% NTSC

Copyright notice

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Datasheet photo 1

Publication photos/HP ProBook 450 G7 Notebook PC apj wmh m.jpg

Datasheet photo 2

Publication logos/HP_Care_Pack_RGB_blue_icon.jpg

Datasheet photo 3

Publication photos/HP ProBook 450 G7 Notebook PC apj wmh s1.jpg

Datasheet photo 4

Publication photos/HP ProBook 450 G7 Notebook PC apj wmh s2.jpg

Datasheet photo 5

Publication photos/HP ProBook 450 G7 Notebook PC apj wmh s3.jpg

Datasheet publication number

4AA7-5898EEAP

Display

15.6" diagonal FHD IPS anti-glare WLED-backlit, 250 nits, 45% NTSC (1920 x 1080)

Display

15.6" diagonal Full HD display

Display footnote number

[14,15,16,17,39]

Display size (diagonal)

15.6"

Energy efficiency

ENERGY STAR® certified

Environmental

Low halogen; TCO 5.0 Certified

Environmental specification footnote number

[33]

Expansion slots

1 SD

Expansion slots note

Supports SD, SDHC, SDXC.

Graphic card footnote number

[15,34]

Graphics

Integrated

Graphics (integrated)

Intel® UHD Graphics 620

Image legal disclaimer

Product image may differ from actual product

Internal Storage

256 GB PCIe® NVMe™ SSD

Keyboard

HP Premium Keyboard, spill-resistant with optional backlit

Legal tagline

HP recommends Windows 10 Pro for business

Manageability features footnote number

[19,20]

Management features

HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen3

MDA key selling point

Windows 10 or other operating systems available

Memory

8 GB DDR4-2666 SDRAM (1 x 8 GB)

Memory and storage

8 GB memory; 256 GB SSD storage

Memory Slots

2 SODIMM

Minimum dimensions (W x D x H)

36.49 x 25.69 x 1.9 cm

Network interface

Realtek 10/100/1000 GbE NIC

Operating system

Windows 10 Home 64 – HP recommends Windows 10 Pro.

Pointing device

Clickpad with multi-touch gesture support

Ports

1 USB 3.1 Type-C™ Gen 1 (Power delivery, DisplayPort™); 2 USB 3.1 Gen 1; 1 HDMI 1.4b; 1 RJ-45; 1 headphone/microphone combo; 1 AC power; 1 USB 2.0 (powered port)

Ports note

HDMI cable sold separately.

Power

HP Smart 65 W External AC power adapter

Power supply required footnote number

[30]

Processor

Intel® Core™ i3-10110U processor with Intel® UHD Graphics 620 (2.1 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 4 MB L3 cache, 2 cores)

Processor family

10th Generation Intel® Core™ i3 processor

Processor name footnote number

[6,7]

Processor speed

2.1 GHz

Product brand name

HP

Product color

Pike silver plastic

Product long name specifications

HP ProBook 450 G7 Notebook PC with Windows 10 Home 64 – HP recommends Windows 10 Pro.; Intel® Core™ i3-10110U processor with Intel® UHD Graphics 620 (2.1 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 4 MB L3 cache, 2 cores); 8 GB DDR4-2666 SDRAM (1 x 8 GB); 256 GB PCIe® NVMe™ SSD

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

Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Fingerprint Sensor; HP Secure Erase; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; Windows Defender; HP Sure Start Gen5; HP BIOSphere Gen5; HP Client Security Gen5; HP Sure Sense

Security management footnote number

[21,22,23,24,25,26,27,28,29,35,38]

Service description

HP 3-year Travel Next Business Day Onsite Notebook Only Service

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.

Software

HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP JumpStart; HP Noise Cancellation Software; HP Support Assistant; Buy Office (Sold separately)

Software footnote number

[18]

Standard memory note

Transfer rates up to 2666 MT/s.

Storage type

SSD

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] 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

[11] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 (802.11ax) are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ax devices.

Tech spec footnote

[12] WWAN module is optional, must be configured at the factory and requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.

Tech spec footnote

[13] 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

[14] HD content required to view HD images.

Tech spec footnote

[15] Sold separately or as an optional feature.

Tech spec footnote

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

Tech spec footnote

[17] HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

Tech spec footnote

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

Tech spec footnote

[19] HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.

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 Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.

Tech spec footnote

[21] 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: <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.

Tech spec footnote

[22] HP Drive Lock & Automatic Drive Lock is not supported on NVMe drives.

Tech spec footnote

[23] HP Fingerprint Sensor sold separately or as an optional feature.

Tech spec footnote

[24] HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

Tech spec footnote

[25] 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).

Tech spec footnote

[26] 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.

Tech spec footnote

[27] Windows Defender Opt in and internet connection required for updates.

Tech spec footnote

[28] HP BIOSphere Gen5 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.

Tech spec footnote

[29] HP Client Security Manager Gen5 requires Windows and is available on the select HP Pro and Elite PCs. See product specifications for details.

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

[30] Availability may vary by country.

Tech spec footnote

[31] HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

Tech spec footnote

[32] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

Tech spec footnote

[33] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

Tech spec footnote

[34] 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

[35] HP Sure Sense requires Windows 10. See product specifications for availability.

Tech spec footnote

[36] Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Requires 8th Gen or higher Intel® Core™ processor, BIOS version with Intel® Optane™ supported, Windows 10 64-bit, and an Intel® Rapid Storage Technology (Intel® RST) driver.

Tech spec footnote

[37] Intel® Optane™ memory H10 only for Intel® PCIe® NVMe™ QLC M.2 SSD.

Tech spec footnote

[38] HP Sure Start Gen5 is available on select HP PCs with Intel processors. See product specifications for availability.

Tech spec footnote

[39] Touch-enabled display and Sure View privacy panel will lower actual brightness.

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 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, branding and/or naming 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

Trademark information

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UNSPSC code

43211503

UPC number

194850024757

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

[31]

Weight

Starting at 2 kg (non-touch)

Weight note (metric)

Weight will vary by configuration.

Wireless

Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 Combo, non-vPro™

Wireless Note

MU-MIMO supported