HP 348 G7 Notebook PC

Affordable mobile business computing

Stay connected with affordable, commercial technologies that help keep your PC productive in or out of the office. Durable design helps protect your PC during mobile use, a full array of ports lets you easily connect to devices, and the pike silver colored finish lets you do it all in style.

HP recommends Windows 10 Pro for business

Powerful processing

- Power through projects with an optional 10th generation Intel® Core™ processor[2], optional Intel® Optane™ memory[3,4], and optional discrete[3] AMD Radeon™ graphics with switchable graphics support.[5]

Essential security

- Help protect your PC with essential security features for business like hardware TPM, a minor spill-resistant keyboard, an optional fingerprint sensor[3], and optional HP DriveLock.[3,6]

Get out there

- The optional Trusted Platform Module (TPM) embedded security chip provides hardware-based encryption keys to help secure your data, e-mail, and user credentials.
- Forget about user names and passwords. Simply log on to Windows using an optional fingerprint sensor.[3]
- Help keep unauthorized users from accessing data on your primary drive. Prevent your primary drive from running without entering a password using HP DriveLock.[6]
- Never fear bumps with a PC that passed MIL-STD 810G tests, including a drop test.[11]
- Stay focused while protecting your PC from minor spills with the spill-resistant keyboard.
- Store more with up to a 1TB hard disk drive.[7]
- Say goodbye to dongles and have all the connections you need, including HDMI, Ethernet, three USB 3.1, and one USB type C™ port. Charge your mobile devices on the go with the USB 3.1 port.
- Sometimes in life only a face-to-face conversation will do. Thanks to dual-speakers, an optional HD Webcam, and dual-microphone array, you always come off looking your best. Even in low light.[3]
- Optional AMD Radeon™ discrete graphics with up to 2GB of video memory on the HP 340 Laptop provide impressive visual experiences on the optional FHD display.[3]
- Outstanding battery life gets you through a day of back-to-back meetings without plugging in. HP fast-charging technology recharges your battery 50% in 45 minutes.[8,9]
- Connect with colleagues with optional WLAN and optional Bluetooth® at the office or from your favorite hotspot.[3,10]

HP 348 G7 Notebook PC Specifications Table

Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business[1] Windows 10 Pro (National Academic only)[2] Windows 10 Home 64[1] Windows 10 Home Single Language 64[1] Windows 10 Pro (Windows 10 Enterprise available with a Volume Licensing Agreement)[1] FreeDOS
Processor family[6]	10th Generation Intel® Core™ i7 processor (i7-10510U); 10th Generation Intel® Core™ i5 processor (i5-10210U); 10th Generation Intel® Core™ i3 processor (i3-10110U); 7th Generation Intel® Core™ i3 processor (i3-7020U); 8th Generation Intel® Core™ i3 processor (i3-8130U)
Available Processors[3,4,5,6]	Intel® Core™ i7-10510U processor with Intel® UHD Graphics 620 (1.8 GHz base frequency, up to 4.9 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores); Intel® Core™ i5-10210U processor with Intel® UHD Graphics 620 (1.6 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores); Intel® Core™ i3-8130U with Intel® UHD graphics 620 (2.2 GHz base frequency, up to 3.4 GHz with Intel® Turbo Boost Technology, 4 MB cache, 2 cores); Intel® Core™ i3-7020U with Intel® HD Graphics 620 (2.3 GHz, 3 MB cache, 2 cores); 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)
Display size (diagonal)	14"[15,16,18]
Maximum memory	32 GB DDR4-2666 SDRAM; 32 GB DDR4-2133 SDRAM [7,8] Both slots are customer accessible/upgradeable. Supports dual channel memory.
Memory slots	2 SODIMM
Internal storage	256 GB up to 512 GB PCIe® NVMe™ Value M.2 SSD [9] up to 256 GB PCIe® NVMe™ M.2 SSD TLC [9] up to 128 GB M.2 SATA SSD TLC [9] up to 1 TB 5400 rpm SATA [9] up to 500 GB 7200 rpm SATA [9]
Storage acceleration	16 GB Intel® Optane™ memory (cache) [10,11]
Display	14" diagonal FHD IPS eDP anti-glare WLED-backlit slim, 250 nits, 45% NTSC (1920 x 1080); 14" diagonal HD SVA eDP anti-glare WLED-backlit slim, 220 nits, 45% NTSC (1366 x 768) [15,16,18]
Available Graphics	Integrated: Intel® UHD Graphics 620; Intel® HD Graphics 620[15] Discrete: AMD Radeon™ 530 Graphics (2 GB GDDR5 dedicated)[16,17] (Support HD decode, DX12, HDMI 1.4.)
Audio	Dual stereo speakers, dual array microphone
Wireless technologies	Realtek 802.11b/g/n (1x1) and Bluetooth® 4.2 Combo; Realtek 802.11ac (2x2) WLAN and Bluetooth® 5 Combo; Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 Combo, non-vPro™; Intel® Dual Band Wireless-AC 9560 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo, non-vPro™ [12,13,20] (Compatible with Miracast-certified devices.)
Expansion slots	1 multi-format digital media reader (Supports SD, SDHC, SDXC.)
Ports and Connectors	3 USB 3.1 Gen 1; 1 USB 3.1 Type-C™; 1 RJ-45; 1 headphone/microphone combo; 1 HDMI 1.4; 1 AC power (HDMI cable sold separately.)
Input devices	Full-size island-style, spill-resistant keyboard; Touchpad with multi-touch gesture support
Communications	Integrated 10/100/1000 GbE; Realtek RTL8111HSH GbE [14]
Camera	HP TrueVision HD Camera [15,16]
Available Software	HP Support Assistant; Native Miracast support [19,20]
Security management	HP Fingerprint Reader; Hardware TPM[21,22]
Power	HP Smart 65 W External AC power adapter; HP Smart 65 W EM External AC power adapter; HP Smart 45 W External AC power adapter[24]
Battery type	HP Long Life 3-cell, 41 Wh Li-ion [23]
Battery life	Up to 13 hours[28]
Dimensions	22.59 x 32.4 x 1.99 cm
Weight	Starting at 1.5 kg (Weight will vary by configuration.)
Energy efficiency compliance	EPEAT® 2019 Silver[26]
Environmental specifications	Low halogen[27]
Warranty	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.

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Accessories and services (not included)

HP 17.3 Business Backpack

Keep your hands free and your notebook safe with the HP 17.3 Business Backpack, designed to go with you in and out of the office and on the road. It has lockable1 zippers, a secure RFID pocket, and room for your device up to 17.3" diagonal, phone, accessories, and so much more. Offering flexibility and wireless connectivity in the office and on the road. HP's extensive range of notebook PCs enable increased productivity and efficiency, by providing the perfect combination of built-in mobility features to match the particular needs of individuals from businesses large and small.
Product number: 2SC67AA

HP USB-C Travel Hub G2

Offering flexibility and wireless connectivity in the office and on the road. HP's extensive range of notebook PCs enable increased productivity and efficiency, by providing the perfect combination of built-in mobility features to match the particular needs of individuals from businesses large and small.
Product number: 7PJ38AA

HP Comfort Grip Wireless Mouse

The HP Comfort Grip Wireless Mouse features a 30-month battery life and a bold, modern design that integrates seamlessly with HP Business Notebooks. Offering flexibility and wireless connectivity in the office and on the road. HP's extensive range of notebook PCs enable increased productivity and efficiency, by providing the perfect combination of built-in mobility features to match the particular needs of individuals from businesses large and small.
Product number: H2L63AA

HP 65W Smart AC Adapter

Feed your notebook with controlled servings of electricity. HP's new 65W Smart AC Adapter regulates power and offsets electrical spikes, is designed to reduce cable stress, and includes a special dongle to support current and prior HP models – perfect for replacing your notebook's power adapter or as a needed back-up. Offering flexibility and wireless connectivity in the office and on the road. HP's extensive range of notebook PCs enable increased productivity and efficiency, by providing the perfect combination of built-in mobility features to match the particular needs of individuals from businesses large and small.
Product number: H6Y89AA

HP 3-year Travel Next Business Day Notebook Only Service

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.
Product number: UL653E

HP Care Pack

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Messaging Footnotes

[2] Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[3] Sold separately or as an optional feature.

[4] Intel® Optane™ memory is sold separately. Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Available for select HP commercial desktops and notebooks and for select HP workstations (HP Z240 Tower/SFF, Z2 Mini, ZBook Studio, 15 and 17 G5) and requires a SATA HDD, 7th Gen or higher Intel® Core™ processor or Intel® Xeon® processor E3-1200 V6 product family or higher, BIOS version with Intel® Optane™ supported, Windows 10 version 1703 or higher, M.2 type 2280-S1-B-M connector on a PCH Remapped PCIe Controller and Lanes in a x2 or x4 configuration with B-M keys that meet NVMe™ Spec 1.1, and an Intel® Rapid Storage Technology (Intel® RST) 15.5 driver.

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

[6] HP DriveLock supports primary storage only and requires a 10th generation Intel® Core™ processor. HP DriveLock is not supported on NVMe drives.

[7] For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB of system disk (for Windows) is reserved for system recovery software.

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

[9] Recharges your battery up to 50% within 45 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.

[10] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited.

[11] MIL-STD 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.

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

Technical Specifications Footnotes

[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.

[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.

[7] 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.

[8] DDR4-2666 SDRAM Memory only available for 10th Generation Intel® processors.

[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.

[10] Intel® Optane™ memory is sold separately. Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Available for HP commercial desktops and notebooks and for select HP workstations (HP Z240 Tower/SFF, Z2 Mini, ZBook Studio, 15 and 17 G5) and requires a SATA HDD, 7th Gen or higher Intel® Core™ processor or Intel® Xeon® processor E3-1200 V6 product family or higher, BIOS version with Intel® Optane™ supported, Windows 10 version 1703 or higher, M.2 type 2280-S1-B-M connector on a PCH Remapped PCIe Controller and Lanes in a x2 or x4 configuration with B-M keys that meet NVMe™ Spec 1.1, and an Intel® Rapid Storage Technology (Intel® RST) 15.5 driver.

[11] Intel® Optane™ 16 GB memory cache only available with HDD.

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

[13] Intel® Dual Band Wireless-AC 9560 802.11ac and Intel® Dual Band Wi-Fi 6 AX201 802.11a/b/g/n/ac are only available for 10th Generation Intel® processors.

[14] 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.

[15] HD content required to view HD images.

[16] Sold separately or as an optional feature.

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

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

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

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

[21] HP Fingerprint Reader sold separately or as an optional feature.

[22] 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).

[23] Recharges the battery up to 90% within 90 minutes or up to 50% within 45 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.

[24] Availability may vary by country.

[25] 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.

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

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

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

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