Up level performance. Not size



Pro-level performance combines with true mobility in this amazingly sleek and powerful laptop. Stay productive wherever you're working with integrated graphics and an AMD® processor, AI-enhanced webcam and audio, and a stunning display—everything you need to collaborate and manage projects anywhere.

Upgrade to pro-level performance

Say goodbye to lags and crashes with fast responsiveness on projects. With a next gen AMD Ryzen^M PRO Processor,¹ and 64GB of memory,² open large files and run pro apps simultaneously for speedy multitasking and productivity—while running quiet and cool.

Work all day.⁴ Anywhere

Starting at 3.1 lbs,³ our most mobile ZBook is made to move. With a long lasting battery,⁴ the sleek yet durable device is small enough to fit in your bag so you can stay productive anywhere. This is high performance workstation power on the go.

Connect. Communicate. Collaborate

Collaborate effectively wherever you go with ZBook Firefly. The AI enhanced auto-framing 5MP camera,⁵ AI Noise Suppression software⁶ to block background noises and Wi-Fi 6E⁷ or 5G options⁸ let you seamlessly connect from almost anywhere.

Immerse in your work

Get complete color accuracy with a 16:10 HP DreamColor display⁹ and see 11% more vertical content than a 16:9 aspect ratio display. Have confidence in what you see with 100% DCI-P3, and 120Hz refresh rate delivers smooth motion for high-speed videos.









Windows 11

Work anywhere without compromising on performance or security with Windows 11¹⁰ powered by HP's collaboration and connectivity technology.

AMD Ryzen[™] PRO processor with Radeon[™] Graphics

Improve productivity and multitasking with a next gen AMD Ryzen[™] PRO processor¹ with integrated Radeon[™] graphics, equipped to power through demanding professional software with long-lasting battery life.

Lightning-Fast Storage

Blitz through multiple tasks and ditch external drives with up to 2 TB local NVMe storage.¹³

Large Memory Configurations

Power through projects with up to 64 GB RAM² for fast editing and design.

HP DreamColor Display

Have confidence in what you see on screen with an optional HP DreamColor Display with 100% DCI-P3 color gamut and a 120Hz refresh rate you get smooth motion for high-speed videos.⁹

16:10 Aspect Ratio

The 16:10 aspect ratio reduces the need to scroll by showing 11% more vertical content than a 16:9 aspect ratio display. See more of your project without minimizing program menus or toolbars.

Easy Battery Management

Manage and monitor your battery's performance and condition and customize charging options with the easy-to-use HP Power Manager dashboard.¹⁵

HP Fast Charge

Long battery life gets you through a day of meetings without plugging in. Quickly recharge your PC with HP Fast Charge. You'll get up to 50% battery life in just 30 minutes of charging.¹⁶

HP Auto Frame

Move around without losing viewers' attention during video calls with HP Auto Frame.⁵ Now with a wider field of view, the camera and audio follow as you move within the camera's frame.

Wi-Fi 6E

Get a fast and reliable connection in dense wireless environments with Wi-Fi 6E.17

Sustainability

Help protect our shared future with the world's most sustainable PC portfolio.¹⁸



Specifications Table

Available Operating Systems	Windows 11 Pro ¹ Windows 11 Pro Education ¹ Windows 11 Home – HP recommends Windows 11 Pro for Business ¹ Windows 11 Home Single Language – HP recommends Windows 11 Pro for Business ¹ Windows 11 Pro (Windows 11 Enterprise available with a Volume Licensing Agreement) ¹ Windows 11 Pro (preinstalled with Windows 10 Pro Downgrade) ^{1,2} FreeDOS ⁴⁹
Processor family ^{3,4,5,6}	Next-Gen AMD Ryzen™ Processor for mobile
Available Processors ^{3,4,5,6}	AMD Ryzen™ 5 Pro 7640HS with Radeon™ Graphics (4.3 GHz base clock, up to 5.0 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads) AMD Ryzen™ 7 Pro 7840HS with Radeon™ Graphics (3.8 GHz base clock, up to 5.1 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads) AMD Ryzen™ 9 Pro 7940HS with Radeon™ Graphics (4.0 GHz base clock, up to 5.2 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads)
Chipset	AMD integrated SoC
Maximum memory	64 GB DDR5-5600 non-ECC SODIMM 8.30
Memory slots	2 SODIMM; supports dual channel ²⁵
Internal storage	256 GB up to 2 TB PCIe® Gen4 x4 NVMe™ M.2 2280 TLC SSD ⁷ 256 GB up to 1 TB PCIe® Gen4 x4 NVMe™ M.2 2280 TLC SED OPAL 2 SSD ⁷
Display size (diagonal, metric)	35.6 cm (14")
Display ^{11,33,37}	
Available Graphics	Integrated: AMD Radeon™ Graphics ^{27,28,32}
Audio	Audio by Bang & Olufsen, dual stereo speakers, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio
Memory card device	1 smart card reader (select models)
Ports and connectors	Left side: 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 HDMI 2.0b; 2 Thunderbolt [™] 4 with USB4 [™] Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort [™] 1.4, HP Sleep and Charge) ¹² ; Right side: 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate



Specifications Table

Keyboard	HP Premium Quiet Keyboard – spill-resistant, full-size keyboard with drain and DuraKeys; HP Premium Quiet Keyboard – spill-resistant, full-size, backlit keyboard with drain and DuraKeys
Mouse	Clickpad with multi-touch gesture support, taps enabled as default; Microsoft Precision Touchpad with gesture support
Communications	WLAN: Mediatek Wi-Fi 6E RZ616 (2x2) and Bluetooth® 5.3 wireless card; WWAN: Intel® XMM™ 7560 LTE Advanced Pro Cat 16; Intel® 5G Solution 5000 ^{10,47,48} ; : Optional Near Field Communication (NFC) module ⁹
Camera	5MP Camera; IR Camera (optional) ^{13,14}
Software	Bing search for IE11 HP Hotkey Support HP Noise Cancellation Software HP Recovery Manager HP Support Assistant Native Miracast support HP Connection Optimizer HP ZCentral Remote Boost Software myHP HP PC Hardware Diagnostics UEFI HP PC Hardware Diagnostics Windows HP Privacy Settings HP Programmable Key HP QuickDrop HP Touchpoint Customizer HP Services Scan Microsoft 365 and Office (sold separately and Internet access required for activation) ^{18,19,20,21,22,26,35,36,55} Battery Health Manager ⁶⁰
Security management	HP Sure Click; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP BIOSphere Gen6; HP Sure Start Gen6; MS Bitlocker Encryption; Nano Security Loc Slot; HP Image Assistant Gen4.6; HP TPM Configuration Utility; HP Sure Run Gen4; HP Client Security Manager Gen7; HP Sure Recover Gen4 with Embedded Reimaging Secured-core PC capable; TPM 2.0 Embedded Security Chip; Infineon SLB9670; Camera privacy shutter ^{24,29,31,32,33,34,38,40,42,43,44,45} ; HP Tamper Lock (select models); HP Sure View Reflect
Fingerprint reader	Fingerprint reader (select models)
Management features	HP Client Catalog; HP Power Manager; HP Client Management Script Library (download); HP Driver Packs (download); HP Image Assistant Gen5 (download); HP Patch Assistant (download); HP Cloud Recovery; HP Connect for Microsoft Endpoint Manager ^{15,23,39}
Power	HP Smart 65 W External AC USB Type-C® power adapter
Battery type	HP Long Life 3-cell, 51 Wh Li-ion polymer ⁴¹
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes
Dimensions	31.56 x 22.43 x 1.99 cm; 19.01 x 2.71 x 12 in; 483 x 69 x 305 mm (Package)
Weight	Starting at 1.4 kg; (Weight varies by configuration and components.)
Ecolabels	EPEAT® registered configurations available ¹⁶
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Low Halogen; Bulk packaging available; External power supply 90% efficiency; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 60% post-consumer recycled plastic ^{17,51,52,53,54}
Warranty	1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.



Accessories and services (not included)

HP Nano Keyed Cable Lock



Lock your notebook or tablet down in the office and high-traffic public areas by tethering it to a secure surface with the thin profile HP Nano Keyed Cable Lock. **Product number: 1AJ39AA**



Messaging Footnotes

¹ Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily Hours one is designed to improve performance of certain source products, not an disconters of source explications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware a software configurations. AMD's numbering is not a measurement of clock speed. ² Up to 64GB memory is an optional, configurable feature. ³ use of ended Multiple Multiple Multiple and source and a source a

³ Lowest weight. Weight will vary by configuration.
⁴ Battery life will vary depending on the product model, configuration, loaded applications, features, use, wireless functionality and p management settings. The maximum capacity of the battery will naturally decrease with time and usage. See MobileMark18 battery benchmark https://bapco.com/products/mobilemark-2018/ for additional details. Requires the myHP application and Windows OS.

⁶ Al Noise Suppression is delivered automatically through Windows update or can be downloaded from https://support.hp.com/us

Al tools oppression is denivered autoinatically introduced provided of an explorate of an explorational common operation with the approximate of an exploration of the end of th

available in countries where Wi-Fi 6E is supported. ⁸ HP 5G module is optional and must be configured at the factory. Module designed for 5G NR NSA (non-standalone) ne

carriers deploy Evolved-Universal Terrestrial Radio Access New Radio Dual Connectivity (ENDC) with both 100Mhz of 5G NR and LTE channel bandwidth, using 256QAM 4x4 as defined by 3GPP. Module requires activation and separately purchased service contract. Check with service provider for coverage and availability in your area. Data connection, upload and download speeds will vary due to

Check with service provider for coverage and availability in your area. Data connection, upload and downland speeds will vary due to network, location, environment, network conditions, and other factors. Backwards compatible to 4G LTE and 3G HSPA technologies. 5G module planned to be available in select platforms and select countries, where carrier supported. ⁹ Optional feature that must be configured at purchase. ¹⁰ HP Wolf Security for Business requires Windows 10 or higher, includes various HP security features and is available on HP Pro, Elite, RPOS and Workstation products. See product details for included security features and OS requirement. ¹⁰ Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for undates. See hum there was available in the security features for the security features may apply over time for undates.

updates. See http://www.windows.com . ¹² For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB (for Windows) is reserved

¹³ Optional, configurable feature. For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to Optional, computational relation of storage unes, GB = 1 billion bytes. The = 1 tillion bytes. Actual form 5GB (for Windows) is reserved for system recovery software.
⁵ HP Power Manager requires Windows 10 and higher and can be downloaded from the Microsoft Store.

⁵ Recharges your battery up to 50% within 30 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 Wr-FIE requires a Wr-FIG Fourter, sold separately, to function in the 6GHz band. Availability of public wireless access points limited Wr-FI EF is backwards compatible with prior 802.11 specs. And available in countries where Wr-FI EF is supported. ¹³ Applies to HP PCs, Workstations and Displays manufactured after January 2019. Based on most Gold and Silver EPEAT®

Applies to the FCS, Workstantis and Displays intainatatine and variable 2019. Dated of infost Got and Silver and TS-100% of the optional points for EPEAT® Silver and TS-100% of the optional oints for EPEAT® Gold according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com .

This system is preinstalled with Windows 10 Pro software and also comes with a license for Windows 11 Pro software and provision for ¹ This system is preinstalled with winnows 10 Pro Solwate and abso context with a necrose to winnows 11 in a solution with precovery software. You may only use one version of the Windows software at a time. Switching between versions will require you uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing and /ou to

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WWW.Interconnectionary and a more anomalastic ⁵ In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products and the support of the sup configured with Intel and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers or http://www.support.hp.com

⁶ Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessaril benefit from use of this technology. Performance and clock frequency will vary depending on applications will recessarily 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 For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB (for Windows) is reserved for software or function for the software for the softw

system recovery software. ⁸ 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

⁹ Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported

Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported. ¹⁰ WWAN is an optional feature and requires factory configuration and 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, and in all regions. ¹¹ HP DreamColor Panel available in the Q2 2021 timeframe. ¹² SuperSpeed USB 20Gbps is not available with Thunderbolt™ 4. ¹³ HD content required to view HD images.

⁴ Windows Hello face authentication utilizes a camera specially configured for near infrared (IR) imaging to authenticate and unlock

Windows devices as well as unlock your Microsoft Passport.

¹⁵ Manage and monitor your battery's performance and condition and customize charging options with the easy-to-use HP Power Manager dashboard

¹⁶ EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options. Search 17 Exte

Line registerior where applicable. EMEAL registration varies by country. See www.epeal.net for registration status by country. In keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options. email power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may Low Halogen.

Inot be Low Haugen. ³⁹ HP Support Assistant - Requires Windows and Internet Access. ³⁹ HP ZCentral Remote Boost does not come preinstalled on Z Workstations but can be downloaded and run on all Z desktop and laptops without license purchase. With non-Z sender devices, purchase of perpetual individual license or perpetual floating license per simultaneously executing versions and purchase of ZCentral Remote Boost Software Support is required. RGS requires Windows, RHEL (7 or 8), UBUNTU 18.04 LTS, or HP ThinPro 7 operating systems, MacOS (10.13 or newer) operating system is only supported on the ceiver side. Requires network access. The software is available for download at hp.com/ZCentralRemoteBoost 20 Web-only Support

²² Wicrosoft Office sold separately and requires Internet access for activation.
²² Microsoft Office sold separately and requires Internet access for activation.
²² Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast . ²³ HP Connect for Microsoft Endpoint Manager is available for supported HP Pro, Elite, Z and Point-of-Sale PCs managed with Microsoft

Endpoint Manager. Subscription to Microsoft Endpoint Manager is required and sold separately. Network connection required. HP Sure Admin requires Windows 10 or newer, and HP BIOS.

²⁴ HP BIOSphere Gen6 features may vary depending on the platform and configuration

²⁴ IP BIOSphere Genő features may vary depending on the platform and configuration.
 ²⁵ Due to the non-industy 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.
 ²⁶ IP Connection Optimizer requires Windows 10.
 ²⁷ Support HD decode, DXL2, HDMI 1.4, HDC 2.2 via DP up to 4K @ 60Hz and via HDMI up to 4K @ 30Hz
 ²⁸ Shared video memory UMAN uses part of the total system memory for video performance. System memory dedicated to video

performance is not available for other use by other programs.

²⁹ HP Sure Click requires Windows 10 Pro or higher or Enterprise. See https://bit.lyl2PrLT6A_SureClick for complete details.
³⁰ For systems configured with more than 3 GB of memory and a 32-bit operating system, all memory may not be available due to system resource requirements. Addressing memory above 4 GB requires a 64-bit operating system. Memory modules support data transfer rates up to 4800 MT/s; actual data rate is determined by the system's configured processor. See processor specifications for supported

when or data rate. ³¹ HP Sure Run Gen I is available on select HP PCs and requires Windows 10 and higher. ³² Secured-core PC requires an Intel® VPro® or AMD Ryzen™ Pro processor. Requires 8 GB or more system memory. Secured-core PC functionality can be enabled from the factory.

³ HP Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

HP Sure Sense is available on select HP PCs with Windows 10 Pro. Windows 10 Enterprise. Windows 11 Pro. or Windows 11 Ent rise OS.

myHP requires Windows OS

³⁵ myHP requires Windows OS. ³⁶ HP services Scan is provided with Windows Update on select products and will check entitlement on each hardware device to determine if an HP TechPulse-enabled service has been purchased, and will download applicable software automatically. HP TechPulse is a telemetry and analytics platform that provides critical data around devices and applications. For full system requirements or to disable this feature, plase visit http://www.hpdaas.com/requirements. Not applicable in China. ³⁷ Resolutions are dependent upon monitor capability, and resolution and color depth settings.

HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement 39 HP Cloud Recovery is available for Z by HP. HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires - In Cloud recovery is available of 2 up the , he time an end escapes and taplogs - 25 when since of Purpur podessols and taplogs - 25 when since of Purpur podessols and taplogs - 25 when since of Purpur podessols and taplogs - 25 when since of Purpur podessols and taplogs - 25 when since of Purpur podessols and taplogs - 25 when since of Purpur podessols and taplogs - 25 when since of Purpur podessols and taplogs - 25 when since of Purpur podessols and taplogs - 25 when since of Purpur podessols and podessols and taplogs - 25 when since of Purpur podessols and taplogs - 25 when since of Purpur podessols and taplogs - 25 when since of Purpur podessols and taplogs - 25 when since of Purpur podessols and Purput p

^{HP} Secure Liase of the interiors downed in the reaction insolute of standards and rectinougly special rouncation bords. Clear sanitation methods. HP Secure Liase does not support platforms with Intel® Optane^{1M}.
⁴¹ For new batteries, actual battery Wart-hours (Wh) may differ from the design capacity and may have a full charge capacity that differs by up to 10, which is typical for lithium-in batteries. Battery capacity naturally decreases over time and with use, depending on several factors such as battery health management settings, shell life, temperature, environment, loaded apps, features, system configuration, nature is a substance of the settings. Setting the settings is a substance of the setting settings. and power settings. ⁴² HP Sure Recover Gen4 with Embedded Reimaging is an optional feature which requires Windows 10 and higher must be configured at

purchase. You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Network based recovery using Wi-Fi is only available on PCs with Intel Wi-Fi Module.

Fis only available on PCS with inter WHH moutie. ⁴³ HP Tamper Lock is an optional feature that must be configured at the factory and requires a supervisor password be established prior

to use. ⁴⁴ HP Client Security Manager Gen7 requires Windows and is available on the select HP Elite and Pro PCs. ⁴⁵ HP Sure Start Gen6 is available on select HP PCs and requires Windows 10 and higher. ⁴⁷ Gigdabit class Category 16 4C LTE module is optional and must be configured at the factory. Module designed for up to 1 Gbps ⁴⁷ Gigdabit class Category 16 4C LTE module is optional and must be configured at the factory. Module designed for up to 1 Gbps download speeds as carriers deploy 5 carrier aggregation and 100Mhz channel bandwidth, requires activation and separately purchased service contract. Backwards compatible to HSPA 3G technologies. Check with service provider for coverage and availability in your area Connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. 4G LTE

Connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions. ⁴⁸ HP 5G module is optional and must be configured at the factory. Module designed for 5G NR NSA (non-standalone) networks as carriers deploy Evolved-Universal Terrestrial Radio Access New Radio Dual Connectivity (ENDC) with both 100Mtz of 5G NR and LTE channel bandwidth, using 256QAM 4x4 as defined by 3GPP. Module requires activation and separately purchased service contract. Check with service provider for coverage and availability in your area. Data connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. Backwards compatible to 4G LTE and 3G HSPA technologies. 5G module nlaneed to be available in salect halfforms and select countries, where carriers sunnorted. module planned to be available in select platforms and select countries, where carrier supported

Web-only Support

⁵¹ Percentage of ocean-bound plastic contained in each component varies by product

52 Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard

⁵⁵ Fiber customs made from 100% recycled wood fiber and organic materials.
⁵⁵ Fiber customs made from 100% recycled wood fiber and organic materials.
⁵⁵ H0 Quick Drop requires Internet access and Windows 10 PC preinstalled with HP QuickDrop app and either an Android device (r
⁵⁶ r tablet) running Android 7 or higher with the Android HP QuickDrop app, and /or an IOS device (rphone or tablet) running IOS 12 or higher with the iOS HP QuickDrop app.

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