ProductSheet

HP ZBook Studio 16 inch G10 Mobile Workstation PC (9G9V9PT)



Powerfully immersive. Perfectly sized

Be ready when inspiration strikes. Packed with professional performance in an incredibly sleek PC that comfortably fits in your bag, the ZBook Studio is engineered to get you in the zone and help you stay focused. Now you can build complex assemblies, render in real time or visualize data—from anywhere.



HP recommends Windows 11 Pro for business Pro-grade performance for your biggest projects

Push your 3D workflows further with an Intel® CPU,[1] integrated or discrete graphics[2] and upgraded memory.

See more of your content with less scrolling

Bring projects to life on a brilliant display and 16:10 aspect ratio so you can see more vertical content.

Create and collaborate on the go

Work effectively on a light laptop with a long-lasting battery and AI Noise Suppression software. [5]

Featuring

Windows 11

Work anywhere without compromising on performance or security with Windows 11 powered by HP's collaboration and connectivity technology.

Intel® Core™ i7 processor

Run several CPU—heavy programs simultaneously without sacrificing performance with an Intel® Core™ i7 processor. [1]

HPZ Turbo Drive High-speed Storage

Work without limits in any location with local PCIe storage that's up to 6x faster than SATA SSD, and up to 21x faster than traditional HDD storage. [3]

HP Fast Charge

Ultra-fast recharge takes you from zero to 50% charge in just 30 minutes. [4]

Spill-resistant Keyboard

Accidents happen - which is why we designed our keyboard with a drain hole, so minor spills flow out the bottom for easy cleanup.

Specifications

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I power connector; 1 headphone/microphone combo; 2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge)[12] orts	Pointing device	ClickPad Glass with multi-touch gesture support, taps enabled as default	
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attery type attery recharge time Supports battery fast charge: approximately 50% in 30 minutes TCO Certified TCO Certified ENERGY STAR® certified Inangement features HP Power Manager ^[13] Ustainable impact specifications Low Halogen Absolute persistence module; HP Credential Manager; HP Power On Authentication; Master Boot Record security; Pre-boot authentication; Windows Defender; HP Manageability Integration Kit; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Admin; HP Image Assistant; Nano Security Lock Slot; HP Image Assistant Gen4.6; HP Client Security Manager Gen7; Trusted Platform Module TPM 2.0; HP Privacy Key ^[8,34,35,37,38,39,43,49] Bing search for IE11; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Support Assistant; Native Miracast support; HP Connection Optimizer; myHP; HP Privacy Settings; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; Windows 10 Cloud Recovery Client; HP Z Light Space; HP Camera & Super Resolution Software; HP Services Scan; Microsoft 365 and Office (sold separately and Internet access required for activation); HP Presence ^[21,25,28,30,31,33,51,52]	Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)	
attery recharge time Colabels TCO Certified ENERGY STAR® certified Inangement features HP Power Manager ^[13] Low Halogen Absolute persistence module; HP Credential Manager; HP Power On Authentication; Master Boot Record security; Pre-boot authentication; Windows Defender; HP Manageability Integration Kit; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Admin; HP Image Assistant; Nano Security Lock Slot; HP Image Assistant Gen4.6; HP Client Security Manager Gen7; Trusted Platform Module TPM 2.0; HP Privacy Key ^[8,34,35,37,38,39,43,49] Bing search for IE11; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Support Assistant; Native Miracast support; HP Connection Optimizer; myHP; HP Privacy Settings; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; Windows 10 Cloud Recovery Client; HP Z Light Space; HP Camera & Super Resolution Software; HP Services Scan; Microsoft 365 and Office (sold separately and Internet access required for activation); HP Presence ^[21,25,28,30,31,33,51,52]	Power	200 W external AC power adapter ^[48]	
TCO Certified ENERGY STAR® certified Ianagement features HP Power Manager ^[13] ustainable impact specifications Low Halogen Absolute persistence module; HP Credential Manager; HP Power On Authentication; Master Boot Record security; Pre-boot authentication; Windows Defender; HP Manageability Integration Kit; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Admin; HP Image Assistant; Nano Security Lock Slot; HP Image Assistant Gen4.6; HP Client Security Manager Gen7; Trusted Platform Module TPM 2.0; HP Privacy Key ^[8,34,35,37,38,39,43,49] Bing search for IE11; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Support Assistant; Native Miracast support; HP Connection Optimizer; myHP; HP Privacy Settings; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; Windows 10 Cloud Recovery Client; HP Z Light Space; HP Camera & Super Resolution Software; HP Services Scan; Microsoft 365 and Office (sold separately and Internet access required for activation); HP Presence ^[21,25,28,30,31,33,51,52]	Battery type	HP Long Life 6-cell, 86 Wh Li-ion polymer	
Integration of tware included ENERGY STAR® certified HP Power Manager ^[13] Low Halogen Absolute persistence module; HP Credential Manager; HP Power On Authentication; Master Boot Record security; Pre-boot authentication; Windows Defender; HP Manageability Integration Kit; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Admin; HP Image Assistant; Nano Security Lock Slot; HP Image Assistant Gen4.6; HP Client Security Manager Gen7; Trusted Platform Module TPM 2.0; HP Privacy Key ^[8,34,35,37,38,39,43,49] Bing search for IE11; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Support Assistant; Native Miracast support; HP Connection Optimizer; myHP; HP Privacy Settings; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; Windows 10 Cloud Recovery Client; HP Z Light Space; HP Camera & Super Resolution Software; HP Services Scan; Microsoft 365 and Office (sold separately and Internet access required for activation); HP Presence ^[21,25,28,30,31,33,51,52]	Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes	
Lanagement features Low Halogen Absolute persistence module; HP Credential Manager; HP Power On Authentication; Master Boot Record security; Pre-boot authentication; Windows Defender; HP Manageability Integration Kit; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Admin; HP Image Assistant; Nano Security Lock Slot; HP Image Assistant Gen4.6; HP Client Security Manager Gen7; Trusted Platform Module TPM 2.0; HP Privacy Key ^[8,34,35,37,38,39,43,49] Bing search for IE11; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Support Assistant; Native Miracast support; HP Connection Optimizer; myHP; HP Privacy Settings; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; Windows 10 Cloud Recovery Client; HP Z Light Space; HP Camera & Super Resolution Software; HP Services Scan; Microsoft 365 and Office (sold separately and Internet access required for activation); HP Presence ^[21,25,28,30,31,33,51,52]	Ecolabels	TCO Certified	
Absolute persistence module; HP Credential Manager; HP Power On Authentication; Master Boot Record security; Pre-boot authentication; Windows Defender; HP Manageability Integration Kit; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Admin; HP Image Assistant; Nano Security Lock Slot; HP Image Assistant Gen4.6; HP Client Security Manager Gen7; Trusted Platform Module TPM 2.0; HP Privacy Key ^[8,34,35,37,38,39,43,49] Bing search for IE11; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Support Assistant; Native Miracast support; HP Connection Optimizer; myHP; HP Privacy Settings; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; Windows 10 Cloud Recovery Client; HP Z Light Space; HP Camera & Super Resolution Software; HP Services Scan; Microsoft 365 and Office (sold separately and Internet access required for activation); HP Presence ^[21,25,28,30,31,33,51,52]	Energy star certified	ENERGY STAR® certified	
Absolute persistence module; HP Credential Manager; HP Power On Authentication; Master Boot Record security; Pre-boot authentication; Windows Defender; HP Manageability Integration Kit; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Admin; HP Image Assistant; Nano Security Lock Slot; HP Image Assistant Gen4.6; HP Client Security Manager Gen7; Trusted Platform Module TPM 2.0; HP Privacy Key ^[8,34,35,37,38,39,43,49] Bing search for IE11; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Support Assistant; Native Miracast support; HP Connection Optimizer; myHP; HP Privacy Settings; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; Windows 10 Cloud Recovery Client; HP Z Light Space; HP Camera & Super Resolution Software; HP Services Scan; Microsoft 365 and Office (sold separately and Internet access required for activation); HP Presence ^[21,25,28,30,31,33,51,52]	Management features	HP Power Manager ^[13]	
Pre-boot authentication; Windows Defender; HP Manageability Integration Kit; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Admin; HP Image Assistant; Nano Security Lock Slot; HP Image Assistant Gen4.6; HP Client Security Manager Gen7; Trusted Platform Module TPM 2.0; HP Privacy Key ^[8,34,35,37,38,39,43,49] Bing search for IE11; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Support Assistant; Native Miracast support; HP Connection Optimizer; myHP; HP Privacy Settings; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; Windows 10 Cloud Recovery Client; HP Z Light Space; HP Camera & Super Resolution Software; HP Services Scan; Microsoft 365 and Office (sold separately and Internet access required for activation); HP Presence ^[21,25,28,30,31,33,51,52]	Sustainable impact specifications	Low Halogen	
Assistant; Native Miracast support; HP Connection Optimizer; myHP; HP Privacy Settings; Data Science Stack; HP oftware included Easy Clean; HP PC Hardware Diagnostics; Windows 10 Cloud Recovery Client; HP Z Light Space; HP Camera & Super Resolution Software; HP Services Scan; Microsoft 365 and Office (sold separately and Internet access required for activation); HP Presence ^[21,25,28,30,31,33,51,52]	Security management	Pre-boot authentication; Windows Defender; HP Manageability Integration Kit; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Admin; HP Image Assistant; Nano Security Lock Slot; HP Image Assistant Gen4.6; HP Client Security	
PC HUMBER 197961545067	Software included	Assistant; Native Miracast support; HP Connection Optimizer; myHP; HP Privacy Settings; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; Windows 10 Cloud Recovery Client; HP Z Light Space; HP Camera & Super Resolution Software; HP Services Scan; Microsoft 365 and Office (sold separately and Internet access required for activation); HP Presence ^[21,25,28,30,31,33,51,52]	
	UPC number	19/961545067	

Top Recommended Displays, Accessories and Services

Docking Stations	
HP Thunderbolt Dock 280W G4 w/Combo Cable	4J0G4AA

Messaging Footnotes

- [1] 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.
- [2] Optional feature that must be configured at purchase.
- [3] For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB (for Windows 10) of system disk is reserved for system recovery software.
- [4] Recharges the 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.
- [5] Al Noise Reduction is delivered automatically through Windows update or can be downloaded from https://support.hp.com/us-en/drivers when available. Requires Windows 10 or higher, compatible with internal PC speakers, microphone and analog headsets. The DNN Noise Reduction setting can be configured through the Application HP Audio Control.

Technical Specifications Footnotes

- [8] HP Tamper Lock is an optional feature that must be configured at the factory and requires a supervisor password be established prior to use.
- [12] Multi-Function USB-C port works with Discrete Graphics and Intel(r) Iris Xe Graphics. Note: For Nvidia Discreate Gfx, it can support HDMI 2.1 except GPU of QN20-P1 SKU(HDMI2.0 support).
- [13] Manage and monitor your battery's performance and condition and customize charging options with the easy-to-use HP Power Manager dashboard.
- [15] UHD content required to view UHD images.
- [16] HD content required to view HD images.
- [21] 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, please visit http://www.hpdaas.com/requirements . Not applicable in China.
- [25] Data Science Stack is available on select skus only.
- [27] Display options may be limited to specific CPU / GPU Configurations.
- [28] HP Z Light space is an optional feature, requires Windows 10 or higher and must be configured at hardware purchase.
- [29] Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- [30] Available on select HP PCs with Windows 10 and higher and Intel processors.
- [31] 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.
- [33] HP Connection Optimizer requires Windows 10.
- [34] HP BIOSphere Gen6 features may vary depending on the platform and configuration.
- [35] 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.
- [37] HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement .
- [38] Security lock for security slot is sold separately.
- [39] HP Client Security Manager Gen7 requires Windows and is available on the select HP Elite and Pro PCs.
- [43] HP Sure Start Gen6 is available on select HP PCs.
- [48] 150W Power Adapter is not available with Nvidia RTX™ Graphics
- [49] HP Sure Admin requires Windows 10 or higher, HP BIOS, HP Manageability Integration Kit from http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.
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