



**Z & SOLIDWORKS
CREATE STUNNING
CONTENT**



Accelerate your SOLIDWORKS® workflows with Z by HP

Creativity is constantly evolving, and the push to deliver better content faster is an everyday challenge. To meet those demands, the right technology matters.

HP helps you stay ahead of the curve with professional desktop and mobile workstations designed for large and complex datasets, dispersed teams, and tight deadlines. Z delivers the innovation, high performance, expandability, and extreme reliability you need to deliver your projects in less time—from part and assembly modeling, to simulation and analysis, to photorealistic renderings and animations.

Z is certified for SOLIDWORKS, designed for tool-free easy maintenance and upgrades, and includes HP Performance Advisor¹ software for system optimization and HP ZCentral Remote Boost² for remotely accessing and sharing your Z workstation power.

HP also brings you high-resolution displays to see your work in vivid detail and a wide range printers for fast and high-quality technical drawings.

SOLIDWORKS software delivers powerful product development design functionality with the intuitive SOLIDWORKS user interface to speed your design process and make you instantly productive.

Together, let HP and SOLIDWORKS help you create the products around us.

“Because of our relationship with HP, our customers will be well served by choosing HP as their professional computing platform. HP workstations are tested and SOLIDWORKS-certified to provide the utmost in performance and reliability for SOLIDWORKS 3D CAD software.”

Nick Iwaskow

Director, Alliances & Partnerships
SOLIDWORKS

PRODUCT DESIGN & MANUFACTURING

SOLIDWORKS PROFESSIONAL SOFTWARE DEMANDS Z POWER



**ZBOOK
14U & 15U G6**



Thin and light design



Multi-ports



Touchscreen



**ZBOOK
15 & 17 G6**



HP DreamColor Display



Multi-ports



VR Ready


Speed up the design process. Be ultra-mobile and still have the power you need to review 2D and 3D projects.

This is your desktop replacement for design and development with complex software applications. The powerful graphics, storage and memory will help create a seamless experience for 3D product design, simulation and analysis.

[LEARN MORE](#)

[LEARN MORE ABOUT 15](#)


[LEARN MORE ABOUT 17](#)




**Z2
MINI G4**



Expandable storage and memory




VESA mounting




Multi-ports

Get high-end performance packed into an insanely small and versatile device. Take on 3D design projects and speed up your product design workflow.


[LEARN MORE](#)




**Z2
TOWER G4**




Expandable storage and memory



Up to NVIDIA®
Quadro® RTX 6000




Multi-ports




VR Ready

Accelerate your 3D modeling design cycles with full, unthrottled performance. Get advanced rendering capabilities for quicker design visualization.


[LEARN MORE](#)




**Z4
G4**




Intel® Xeon® processor



Up to NVIDIA®
Quadro® RTX 8000



Multi-ports



VR Ready

Get real-time viewing and fast render & simulation times with your advanced workflows. Then, easily move your projects to a VR experience for customer presentations and design reviews.

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REINVENT DESIGN

CHANGING THE GAME WITH REAL-TIME, INTERACTIVE DIGITAL DESIGN

Affordable, real-time, interactive photo-realistic visualization combined with human-scale virtual reality visualization enable teams from small to large companies to move to an all-digital design and prototyping process. Artists, designers and engineers can collaborate at every stage, from product development to review and iteration with clients and executives.

SOLIDWORKS Visualize allows you to leverage your 3D CAD data to create photo-quality content in the fastest and easiest way you can—from images to animations, interactive web content, and immersive Virtual Reality. Bring your products to life. SOLIDWORKS Visualize is the “camera” for your CAD data!

Interactive and immersive visualization

VR can transform a small space into anywhere in the universe. It allows you to visualize and collaborate on scenario and environment development, at world-scale in real time.

Photorealism & real-time ray tracing

When light behaves exactly as you expect it to in real-life, you are able to more accurately understand how something will look in its physical form. Not only is the benefit that it looks more believable, but you can fine-tune the final colors and angles to produce the appearance you desire.



HP Reverb VR Headset Pro Edition

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ZBook 15 G6

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ZBook 17 G6

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Z4

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Z6

[LEARN MORE](#)



Z8

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PROFESSIONAL TOOLS DEMAND Z INNOVATION

Z DEVICES ARE DESIGNED, TESTED, AND BUILT FOR SOLIDWORKS USERS
LOOKING FOR HIGH PERFORMANCE & EXTREME STABILITY.



HP DREAMCOLOR DISPLAYS

Get reference-level color precision from our advanced color-critical displays. The HP DreamColor Z31x (4096x2160) and Z27x G2 Studio (2560x1440) Displays give you consistent performance on your most demanding projects when you need 100% trust in your display.

4K UHD DISPLAYS

Experience extraordinarily precise color and see more of your projects at one time on the Z27, Z32, and Z43 displays with stunning 4K resolution.



Z TURBO QUAD PRO

With up to four super-fast Z Turbo Drive G2 modules³ integrated into one PCIe x16 card, the HP Z Turbo Drive Quad Pro is perfect for users who are looking for up to 8 TB of high-performance/price SSDs to their system.

THUNDERBOLT™ 3

Thunderbolt™ 3 technology with 40Gbps signalling rate enables faster backup, editing and file sharing, and significantly reducing the time to complete key tasks.



HP ZCENTRAL

Introducing the world's only single-source remote workstation solution⁴. Centralize your high-compute performance and free your power users to tackle complex, graphics-intensive projects from anywhere.

To learn more, visit hp.com/ZCentral.

HP ZCENTRAL REMOTE BOOST

Formerly known as Remote Graphics Software (RGS), ZCentral Remote Boost is the latest pro-grade solution that harnesses the power of a Z workstation. Power users receive the performance boost they need to tackle their most demanding, graphics-intensive projects from anywhere.

"With Z by HP workstations and SOLIDWORKS, we can now simulate our projects much faster, and with a higher quality than ever before."

Jon Wells / Mechanical Engineer, Sage Cheshire Aerospace

SOLIDWORKS SOFTWARE

SOLIDWORKS® solutions can help boost productivity, harness intelligence, foster innovation, and facilitate collaboration. Through tight integration, SOLIDWORKS tools enable you to leverage 3D models throughout the organization, bringing processes together so you can get products to market faster.



SOLIDWORKS®

Intuitive 3D design and product development solutions from SOLIDWORKS let you conceptualize, create, validate, communicate, manage, and transform your innovative ideas into great product designs. SOLIDWORKS 3D CAD solutions provide easy-to-learn, yet extremely powerful functionality that shortens product development time, reduces costs, and improves quality.



DraftSight®

Feature-rich 2D and 3D CAD solution for architects, engineers and construction service providers, as well as professional CAD users, designers, educators and hobbyists. DraftSight lets you create, edit, view and markup any kind of 2D and 3D DWG file with greater ease, speed and efficiency. It gives you the freedom to do what you do best — no matter who you are or what you're trying to accomplish.



3DEXPERIENCE®

Quickly create and collaborate on 3D conceptual designs and organic shapes using cloud-based tools and deliver innovative products to market faster. Enhance SOLIDWORKS® 3D CAD with a portfolio of tightly integrated solutions built on the cloud-based Dassault Systèmes 3DEXPERIENCE® platform. Easily and quickly create, review, and evaluate 3D conceptual models with 3D Creator (which includes the xDesign app) and organic shapes with 3D Sculptor (which includes the xShape app). Collaborate on the cloud and access the growing suite of tools on the platform to manage all facets of your product lifecycle.





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DISCLAIMERS:

1. HP Performance Advisor Software is available for download at: <https://www8.hp.com/us/en/workstations/performance-advisor.html>
2. HP ZCentral Remote Boost does not come preinstalled on Z Workstations but can be downloaded and run on all Z desktop and laptops without an additional license purchase. When you purchase a Z device, you get an embedded license. With non-Z sender devices, it is a perpetual or floating license. ZCentral Remote Boost requires a Windows (10 or 7 SP2), RHEL (6, 7 or 8), UBUNTU 18.04 LTS, or HP ThinPro operating system. MacOS (10.13 or newer) operating system is only supported on the receiver side. Requires network access. The software is available for download at hp.com/ZCentralRemoteBoost.
3. Each sold separately.
4. Based on workstation OEMs that design, develop, and support both the hardware and software for centralized workstations to enable remote graphics as of October 2019.

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