

HP Z Workstations and Adobe



Create stunning digital media and entertainment with HP Workstations.



HP recommends Windows.

“The Adobe professional video line of products in Creative Cloud paired with an HP desktop or mobile workstation provides impressive performance. For years, the HP and Adobe engineers have worked closely to help ensure that our video applications take full advantage of the HP Workstation performance capabilities so our customers experience the most powerful post-production workflow.”

— Bill Roberts, Director of Product Management
Professional Audio and Video Solutions, Adobe



Does your workstation meet your digital media challenges?

It's no secret that the media and entertainment industry is constantly evolving, and the push to deliver better content faster is an everyday challenge. To meet those demands, technology matters—a lot. You need innovative, high-performing, reliable hardware and software tools tuned to your applications so you can create captivating content, meet tight production schedules, and stay on budget. HP offers an expansive portfolio of integrated workstation hardware and software solutions designed to maximize the creative capabilities of Adobe® software. Together, HP and Adobe help you create stunning digital media.

The HP Difference

HP Z Workstations are engineered to optimize the way hardware and software components work together, delivering massive, whole-system computational power that helps maximize your productivity and makes creating digital media faster and more efficient than ever before.

Innovation

Enjoy next-generation technology, including the award winning Z Workstation design, to help you create and visualize even the most complex designs. This revolutionary design brings a tool-less chassis, advanced cooling and choice of power with up to 90% efficient power supplies. HP DreamColor Technology on HP Workstations puts a billion colors at your fingertips, ensuring what you see is what you get.

Performance

Advanced compute and visualization power help speed your work, beat deadlines, and meet expectations. At the heart of HP Z Workstations are the new Intel® processors with advanced processor performance technologies and NVIDIA Quadro professional graphics cards with the NVIDIA CUDA parallel processing architecture; delivering real-time previewing and editing of native, high-resolution footage, including multiple layers of 4K video. Intel® Turbo Boost¹ is designed to enhance the base operating frequency of processor cores, providing more processing speed for single and multi-threaded applications. The HP Z Workstation cooling design enhances this performance.

Reliability

HP product testing includes application performance, graphics and comprehensive ISV certification for maximum productivity. All HP Workstations come with a limited 3-year parts, 3-year labor and 3-year onsite service (3/3/3) standard warranty that is extendable up to 5 years.² You can be confident in your HP and Adobe solution.

HP and Adobe Working Together

HP and Adobe

Working together, HP and Adobe help you solve some of your toughest design challenges with innovative hardware and software that are tuned and integrated for better performance. Adobe revolutionizes how the world engages with ideas and information. For more than two decades, the company's award-winning software and technologies have redefined business, entertainment and personal communications by setting new standards for producing and delivering content that engages people virtually anywhere at any time. HP engineers work closely with Adobe to verify that HP Workstations can take full advantage of the creative tools in Adobe Creative Cloud. Adobe applications are thoroughly tested and optimized on HP Workstations, giving you greater confidence in your production solution.



Adobe® Creative Cloud™

Adobe Creative Cloud

Adobe Creative Cloud reimagines the creative process for video professionals, with new tools and services that allow you to create and deliver compelling stories to more screens and more audiences. Creative Cloud membership gives you access to the complete set of industry-leading Adobe video tools, as well as all other Adobe creative desktop applications. Plus, you get new features and upgrades as soon as they are available.

The powerful Adobe video software applications in Creative Cloud, including Adobe Premiere Pro CC and Adobe After Effects CC, as well as services such as Adobe Story CC Plus, offer unrivaled integration and deep third-party support, providing a highly efficient workflow. Innovative features result in greater creative control over productions, so you can tell your story with more impact.



HP Adobe TV site

tv.adobe.com/show/hp-workstations-built-for-adobe-users/

Adobe Creative Cloud professional video, you get:

- **Adobe Premiere® Pro CC**

Edit video with greater speed and precision with this industry-leading editor offering a clean, easily customizable interface and native support for a huge range of file formats. Designed to work the way editors think, Adobe Premiere Pro CC offers a slew of new features and refinements, including Editing Finesse workflow enhancements, Link and Locate to help you find files faster, an expanded audio toolset, an even more responsive Mercury Playback Engine, and built-in support for closed captioning.

- **Adobe After Effects® CC**

Take your creativity to new heights with the industry standard for motion graphics and visual effects. Create photoreal visual content fast with new advancements in 3D, such as a Live 3D Pipeline between After Effects CC and CINEMA 4D, an enhanced 3D Camera Tracker, and layer and mask snapping for faster 3D construction.

- **Adobe SpeedGrade™ CC**

With the Lumetri™ Deep Color Engine, shape light and color and add character to shots and transform the mood of any edited piece. SpeedGrade CC includes the new Snapshot Browser, film stock emulations, Luma Waveform display, Mercury Transmit support for external monitoring, and more.

- **Adobe Audition® CC**

Sound your best with Adobe Audition CC which allows you to visualize sound as you work, whether in the improved multitrack environment, as traditional waveforms, or using the Spectral Frequency Display where you can isolate and repair elements of your audio using Photoshop-style tools, including more selection capabilities.

- **Adobe Prelude™ CC**

Jumpstart your production with Adobe Prelude CC for ingest and logging to work faster, stay organized and prepare footage for a streamlined post-production process. Save time in Adobe Prelude CC with an intuitive, keyboard-driven workflow entering temporal markers and other searchable metadata, while keeping the focus on your footage.

**Bandito Brothers video**
workstations.tv

“You don’t have to have millions of dollars to show people your vision in today’s media. We can shoot and then begin editing immediately to quickly show people the work. When we deployed the HP Workstations, the improvements were like night and day. What’s more, we can take the HP DreamColor monitor on set with us to visually and correctly see the work we’re doing.”

– Jacob Rosenberg, chief technology officer, partner and director, Bandito Brothers

Meet the Workstation Family

Combining bold design and world-class engineering, the HP Workstation family takes innovation, performance, and reliability to the next level—to give you and your business a competitive edge. HP Z Workstations are tested and certified for Adobe applications, helping ensure powerful, dependable performance. HP Z Workstations deliver enhanced workstation performance with the latest Intel processors with Intel® Turbo Boost¹ and Hyper-Threading³ technologies, in a very affordable package that transforms the way digital media and entertainment professionals work. The next-generation system architecture enables fast and efficient performance while built-in HP reliability helps you work more productively and get the job done faster.

HP Z1 Workstation

[Power without the tower. >>](#)

When you work in the creative sector, space on your desk is often at a premium. The all-in-one HP Z1 Workstation helps you simplify your desktop, save space, and eliminate wires. It puts the performance and reliability of a complete HP Z Workstation expertly designed into the back of a 27-inch diagonal greater than HD display.⁴ Add a wireless keyboard and mouse, the only cord you need is for the power supply. Better still, a tool-less chassis design makes it a snap to upgrade and maintain.

HP Z230 Tower and HP Z230 SFF Workstations

[Our most affordable workstations. >>](#)

The HP Z230 Tower Workstation delivers excellent performance and was designed with Adobe Photoshop and Adobe Audition users in mind, providing the workstation power for entry-level and audio professionals to edit and mix. It provides ECC memory for larger files and is expandable up to mid-range graphics for even more 3D performance capability.

HP Z420 Workstation

[Performance you want. Value you need. >>](#)

The HP Z420 Workstation is ideal for digital media and entertainment professionals who need the maximum in single-socket processor power. Adobe Premiere Pro users will find this as their mainstream workstation. It combines ECC memory to handle large files, as well as the full range of 3D professional graphics and the latest Intel processors.

HP Z820 Workstation

[Our ultimate workstation. >>](#)

The HP Z820 Workstation delivers the latest performance in a revolutionary next-generation design that accelerates even the biggest, most complex digital media and entertainment projects. This high-end workstation offers the maximum in dual-socket performance, data storage, and expandability available in the HP Z Workstation line and is ideal for power users of Adobe Creative Suite Premium Production.

HP ZBook Mobile Workstations

[Mobility for life. >>](#)

Make no compromises on performance or durability with the HP ZBook Mobile Workstations. Inspired by aerospace craftsmanship and materials, the HP ZBook Mobile Workstations feature a wear and smudge-resistant DuraFinish and an optional backlit keyboard for use in low-light environments. With HP rigorous design testing, all offer high performance with exceptional battery life and MIL STD 810-G testing for drops.⁵ The HP ZBook 15 and 17 feature a Thunderbolt™⁶ port, as well as an optional DreamColor Display panel that provides accurate and consistent color from the display to print and the big screen.

HP Z and Performance Series Displays

[Stunning at every angle. >>](#)

HP ZBook and Performance Displays are engineered to outperform, so you can create with striking visual results. These displays deliver maximum image performance and accuracy, thanks to vivid IPS and AH-IPS panels, 178-degree viewing angles, and up to 1000:1 contrast ratio, with top end resolutions. DreamColor displays on both Z and Mobile Workstations feature an easy dial in pre-set for seven color spaces. Rec.709 Adobe RGB pre-set now comes standard on all performance displays.

HP Performance Advisor

[The built-in workstation guru. >>](#)

HP Performance Advisor delivers a simple, effective way to keep your HP Workstation operating at its peak potential. Like having an IT pro always on hand, this helpful software wizard can take you from initial configuration and customization through the optimization of your system for each new application and driver you install.

HP Workstations for Adobe Products

Adobe products	
Adobe Creative Cloud Production Premium	Master the art of post production from planning to playback
Adobe Creative Cloud Design/Web Premium	Deliver innovative ideas for print, web, tablets and smartphones
Adobe Creative Cloud Design Standard	Produce high-impact print designs and digital publications
Adobe Creative Cloud Master Collection	Design and deliver across media
HP Z Workstations	
HP Z820	Ultimate multi-core workstation for performance and expandability
HP Z420	Performance you want, value you need
HP Z230	Most affordable, workstation performance
HP Z1	The world's first 27" all-in-one workstation
HP ZBook Mobile Workstations	
HP ZBook 17	17" diagonal and HP's highest performance with DreamColor for mobile production
HP ZBook 15	15" diagonal with DreamColor display and HP's most versatile for price and size
HP ZBook 14	14" diagonal and HP's lightest weight HP Mobile Workstation
HP Performance Displays	
HP DreamColor LP2480zx	World's first color critical 24" diagonal LCD display that uses the DreamColor engine. Switch between several factory-calibrated color space presets—including sRGB, AdobeRGB, Rec.709 and DCI-P3—and over 1 billion colors.
HP Z30i 30" AH-IPS LED LCD	30" diagonal with 4.1 million pixels and 100% Adobe RGB gamut coverage.
HP Z27i 27" AH-IPS LED LCD	27" diagonal with 2560x1440 resolution and HDMI input
HPZR2440w 24" IPS LED LCD	24" diagonal with 1920x1200 resolution and HDMI input

Adobe professional software demands workstation power

HP Z Workstations are designed, tested, and built for Adobe users looking for high performance and extreme stability. HP does this with features that include:

- Multi-core⁷ Intel® Xeon® processors
- Professional graphics cards from NVIDIA
- Microsoft Windows operating systems
- Thunderbolt™⁶ port offered on Z420, Z620, Z820, ZBook 15 and ZBook 17 Workstations
- Fast, reliable memory, expanded I/O, and massive storage
- EPEAT® Gold®-rated and ENERGY STAR®-qualified configurations

Learn more at

hp.com/go/adobe and hp.com/zworkstations

1. Enabling Intel® Turbo Boost Technology (Intel® TBT) requires a PC with a processor with Intel TBT capability. Intel TBT performance varies depending on hardware, software, and overall system configuration. For more information, see intel.com/technology/turboboost.
2. Limited three-year Mon-Fri 8-5 next business day, parts, labor and 24x7 phone support, terms and conditions may vary. HP Care Pack Services extend service contracts beyond the standard warranties. Service starts from date of hardware purchase. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at hp.com/go/lookuptool. Additional HP Care Pack Services information by product is available at hp.com/go/cps. Service levels and response times for HP Care Packs may vary depending on your geographic location.
3. Intel HT Technology (HT) is designed to improve performance of multi-threaded software products and requires a computer system with a processor supporting HT and an HT-enabled chipset, BIOS, and operating system. Please contact your software provider to determine compatibility. Not all customers or software applications will benefit from the use of HT. See intel.com/info/hyperthreading for more information.
4. HD content required to view HD images. Internet access required. Performance dependent on network latency and image frame content.
5. Testing was not intended to demonstrate fitness for DOD contracts requirements or for military use. Test results are not a guarantee of future performance under these test conditions.
6. Thunderbolt is new technology. Install all the latest drivers for your Thunderbolt device before connecting to the Thunderbolt port. Thunderbolt cable and Thunderbolt device (sold separately) must be compatible with Windows. To determine whether your device is Thunderbolt Certified for Windows, see thunderbolttechnology.net/products.
7. Multi-core technologies are designed to improve performance of multithreaded software products and hardware-aware multitasking operating systems and may require appropriate operating system software for full benefits; Not all customers or software applications will necessarily benefit from use of these technologies.
8. EPEAT® Gold registered in the U.S. See epeat.net for registration status by country.

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