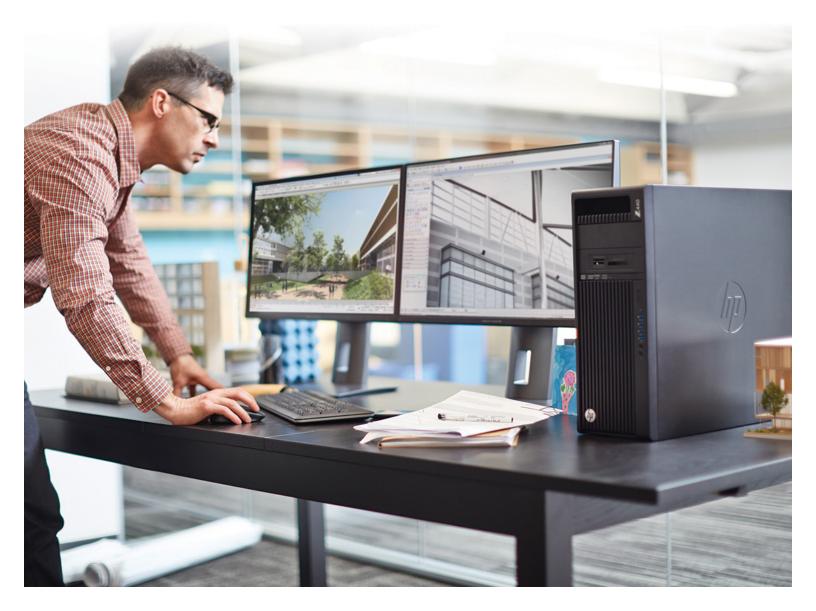# Inspiration without limits

HP Z Workstation solutions

Spend more time creating and less time waiting. HP Z Workstations help you handle more, do more, and give you limitless creative possibilities. Packed with the newest industry-leading processing, graphics, and innovative technologies, HP Z Workstations provide the tools you need to handle the toughest workstreams.

Think HP Z

Designed from the inside out, HP Z Workstations, with a 35 year history, deliver high performance and reliability with the latest innovations and industry-leading technologies. When you need to focus on your work, not your workstation—think HP Z.

Breakthrough industrial design

From the striking design of the HP Z1 to the sleek industrial styling of the desktop models, to the thin, light, business-rugged HP ZBooks, every HP Z Workstation combines stunning aesthetics with everyday practicality.

Tool-free customization

Work isn't static. Expand your system capabilities with ease as your workflow demands grow over time. HP Z Workstations feature a smart tool-less chassis, easy open access doors, and easy rack accessibility to make installing more memory, storage, and I/O options a breeze. Multiple slots and flexible storage bays allow you to install hard drives, SSDs, optical drives, RAID configurations, and more.

The quiet of HP Z Workstations

Great work requires inspiration and inspiration requires focus. The uncluttered, modular interior layout maximizes airflow to keep processors and graphics cards running at optimum performance. HP Z Workstations also feature industry-leading acoustics technology, such as high-performance air cooling, so your concentration is never interrupted.

All day, all night reliability

Testing beyond industry standards

You put your workstations through the toughest trials—we do, too. Desktop HP Z Workstations, and the components that go into them, are tested to a minimum of 368,000 total test hours in the **HP Total Test Process** and HP ZBook Mobile Workstations are tested to 14 MIL-STD-810G[2] standards. Extreme stress tests such as drop, vibration, temperature, shock, dust, and more ensure optimized performance.

HP relationships

Your work requires the best in processing and graphics performance, so HP works closely with vendors to ensure it. High-performance, multi-core Intel® Xeon® and Core™ processors[3] are tested and validated by Intel® and HP for your workstation-class applications to provide breakthrough performance in processing.

HP works with NVIDIA® and AMD to offer ISV-certified 2D through extreme 3D workstation graphics, including NVIDIA® Quadro® and AMD FirePro™.

For more information visit hp.com/go/leadershipgraphics.

Certification for every industry

HP works closely with Independent Software Vendor (ISV) developers to help ensure the most popular applications are thoroughly **tested and certified** to work on your HP Z Workstation. Whether you're working in media and entertainment or product development, finance or design, oil and gas, or geographic information systems, you can rely on these applications—known and trusted throughout your industry—to deliver rock solid reliability.

For more information visit. hp.com/go/isv

A long-term investment

Simplify your certification and support burdens and streamline large deployments with **HP Stable and Consistent Offerings**. Simply select your hardware and software components when you customize your HP Z Workstation and be assured that you'll be able to buy that same configuration throughout the lifecycle of the workstation, from product launch through retirement.

A leader in eco-labels

- HP is an industry leader in ENERGY STAR® certified products.

- EPEAT®[1] is a comprehensive environmental rating that helps identify greener computers and other electronic equipment. HP Z Workstations exceed industry requirements and were the first to achieve EPEAT Gold certification.

Innovate

HP Innovations

Your job made easier

HP Z Workstations offer HP's maximum performance through unique HP technologies. Go beyond the basics to maximize your productivity, make IT management easy, and deliver a complete workstation experience.

HP Performance Advisor

Your trusted advisor

HP Performance Advisor[4] delivers a simple, effective way to keep your workstation operating at its peak potential. Like having an IT pro always on hand, this pre-installed software can take you from initial configuration and customization through the optimization of your system for each new application and driver you install.

For more information, visit hp.com/go/hpperformanceadvisor

HP Remote Graphics Software

Go out and get inspired

From the factory floor to the boardroom, HP Remote Graphics Software (RGS)[5] delivers seamless remote access to workstation graphics. Preloaded on every HP Z Workstation, RGS automatically adjusts to network conditions while cutting required bandwidth. Collaborate on graphics projects in real time with multiple users simultaneously and from remote computers in almost any location. Every HP Z Workstation includes an HP RGS sender license ready to activate and an HP RGS receiver license can be downloaded for any PC, Mac®, MacBook®, Windows tablet or thin client. With advanced touch recognition features on HP RGS, you can easily do real work with workstation-class applications on your HP ZBook or tablet.

For more information, visit hp.com/go/RGS

HP Z Turbo Drive

Shift into a higher gear

Experience ultra-fast storage speeds with the revolutionary HP Z Turbo Drive G2, an innovative NVMe PCIe-based SSD storage solution that reduces system bottlenecks, boot up, calculation, and graphics response times—even with 4K video. The HP Z Turbo Drive G2 is available in capacities up to 1 TB[10] and is supported on all HP desktop Workstations and 3rd and 4th generation HP ZBooks. And support up to four 1 TB HP Z Turbo Drives on one PCIe card with the HP Z Turbo Drive Quad Pro for up to 16x the performance of standard SATA SSDs.[14]

For more information, visit hp.com/go/zturbo

HP DreamColor Technology

Dream in color

Leave no detail uncovered with the brilliance of HP DreamColor technology. Featuring a palette of over one billion colors, you'll get precise color accuracy and consistent color across your entire digital workflow.[6]

For more information, visit hp.com/go/dreamcolor

HP Z Workstation BIOS

Power up, bring costs down

Reduce power consumption and increase workstation reliability through the innovative HP Z Workstation BIOS featuring preset sleep states, adjustable fan speeds to maximize operating efficiency, and power management features.

For more information, visit hp.com/go/zworkstations

HP Security and Client Management

Take control

Manage your workstation fleet with ease and lower your IT cost. HP Client Management portfolio lets you activate, configure, patch, and update your fleet from a single console.

For more information, visit hp.com/go/zworkstations

Get the best HP Z Workstation for your application

So which is the right HP Z Workstation for your applications? Try our online workstations selection wizard to find out: hp.com/workstationfinder

Get the right HP Z Workstation for you

Create your perfect match of flexibility, functionality, computational power and visualization with HP's broad range of HP Z Workstations.

HP Z Desktops

Fuel your creative vision with a workstation tailored to your demands. HP knows different tasks require different tools and that's why we offer a complete family of HP Z Desktop Workstations with scalability and performance to tackle your most complex tasks.

HP ZBook Mobile Workstations

When inspiration strikes, the HP ZBook is there. These superb mobile workstations offer a choice of screen size and are packed with incredible power to take on intensive projects.

Fuel your creative vision

HP knows different tasks require different tools and that's why we offer a complete family of HP Z Desktop Workstations with scalability and performance to tackle your most complex tasks.

HP Z2 Mini Workstation

Built for the masses, designed for the selective
The HP Z2 Mini Workstation offers full, un-throttled performance in a footprint that is 10x smaller than the HP EliteDesk 800 G2 Tower and 5x smaller than the HP Z240 Small Form Factor (SFF). It is also HP's most flexible workstation ever, with the ability to be mounted behind displays, on or under desks.

- Windows 10 Pro and Windows 7 Professional 64 available through downgrade rights from Windows 10 Professional 64[8,9]

- HP Linux® Ready

- Powered by the Intel® Xeon® processors or Intel® Core™ i3/i5/i7 processor family[3,25]

- Up to 32 GB DDR4-2400 MHz non-ECC/ECC memory[11]

- Integrated option for HP Z Turbo Drive (NVMe PCIe SSD)

- Support for up to 6x 2K displays

- VESA mountable to HP Z Displays

- Selection of workstation-class graphics from NVIDIA®, including the NVIDIA® Quadro® M620 Graphics option, and Intel®

- Two USB 3.1 G1 Type-C™ ports (HP Z2 Mini Performance Model only)

- Help protect interior components with the dust filter option

- HP Remote Graphics Software (HP RGS)[5] included for high-end screen sharing or remote access to a workstation

Z2 Mini Workstation product overview

HP Z240 SFF Workstation interactive tour HP

HP Z240 Tower Workstation interactive tour

HP Z240 Workstations

HP's best selling workstation just got better

The HP Z240 packs the performance, features, and reliability of a workstation into the price point of a desktop PC. As the world's number-one ranked entry level workstation, it also features a choice of Tower or SFF configurations. And it just got better with Tower configurations offering monster-class performance with support for up to 4.2 GHz of processing power.

• Windows 10 Pro and other editions and downgrades available[8,9]

• HP Linux® Ready

• Powered by the Intel® Xeon® processors or Intel® Core™ i3/i5/i7 processor family[3,25]

• Up to 64 GB DDR4-2400 MHz Registered ECC memory[11]

• Up to 2 HP Z Turbo Drive G2 (NVMe PCIe SSD) with embedded M.2 slot for up to 4x the performance of SATA SSDs now in a 1 TB capacity[10]

• Wide selection of workstation-class graphics from NVIDIA®, AMD, and Intel®

• Flexible I/O options: embedded M.2 slot; Thunderbolt™ 2[7]; wide array of USB ports including a charging port; DisplayPort™ ports

• 92% efficient power supplies standard and available ENERGY STAR® configurations

• Help protect interior components with the dust filter option

• HP Remote Graphics Software (HP RGS)[5] included for high-end screen sharing or remote access to a workstation

HP Z440 Workstation interactive tour

HP Z440 Workstation

Expand your power

Take your business to the next level of performance, expandability, and no compromise reliability in one complete package. The HP Z440 Workstation, with its sleek 4U form factor, tool-less design, and built-in handles makes it simple to expand even in a racked data center environment. The HP Z440 Workstation is well suited for engineers, architects and creative professionals who use graphics intensive applications.

• Windows 10 Pro and other editions and downgrades available[8,9]

• Linux® Operating Systems

• Choice of Intel® Xeon® processor E5-1600 v3/v4 and E5-2600 v3/v4 families[3] supporting up to 8 cores of processing power

• Up to 128 GB DDR4-2400 MHz Registered ECC memory[11] (with 16 GB DIMMs)

• Optional Thunderbolt™ 2[7] technology for up to 4x the bandwidth of USB 3.0

• HP Z Turbo Drive G2 (NVMe PCIe SSD) for up to 4x the performance of SATA SSDs now in a 1 TB capacity[10]

• Up to four 1 TB[10] HP Z Turbo Drives with the optional HP Z Turbo Drive Quad Pro for up to 4 TB of storage and up to 16x the performance of SATA SSDs[14]

• Support for up to eight displays at peak HD resolutions[12] for maximum viewing area

• Optional HP Z Cooler to dissipate processor heat faster and more efficiently than ever before

• HP Remote Graphics Software (HP RGS)[5] included for high-end screen sharing or remote access to a workstation

HP Z640 Workstation interactive tour

HP Z640 Workstation

Expand your capabilities

Build the perfect workstation for your needs. Configure and reconfigure with ease on the HP Z640 Workstation. With up to 36 discrete processing cores, the dual-socket system packs massive computing power into a whisper-quiet compact design. The HP Z640 Workstation is the ideal solution for environments where space is at a premium including financial services, engineering and construction.

- Windows 10 Pro and other editions and downgrades available[8,9]

- Linux® Operating Systems

- Choice of Intel® Xeon® processor E5 1600 v3/v4 and E5 2600 v3/v4 families[3]

- Support for 145 W processors powering up to 44 cores in a dual processor configuration[3]

- Optional Thunderbolt™ 2[7] technology for up to 4x the bandwidth of USB 3.0

- Up to 256 GB DDR4-2400 MHz Registered ECC memory[11]

- Five high-speed PCIe slots enable greater data throughput to multiple I/O devices

- HP Z Turbo Drive G2 (NVMe PCIe SSD) for up to 4x the performance of SATA SSDs now in a 1 TB capacity[10]

- Up to four 1 TB[10] HP Z Turbo Drives with the optional HP Z Turbo Drive Quad Pro for up to 4 TB capacity and up to 16x the performance of SATA SSDs[14]

- Up to 2x high-end 3D graphics cards supported, driving up to four displays for advanced 3D applications

- Up to 4x 2D graphics cards supported, driving up to 8 displays[12] for user environments with stacked displays

- HP Remote Graphics Software (HP RGS)[5] included for high-end screen sharing or remote access to a workstation

HP Z840 Workstation interactive tour

HP Z840 Workstation

Take on the hardest projects

Push your computing boundaries with the HP Z840 Workstation that helps you keep up with your biggest projects. Built for high-end computing and visualization, it delivers outstanding performance in one of the industry's most expandable chassis. For workstation tasks requiring maximum computing, graphics, memory, storage and I/O such as simulation, computer-aided engineering, entertainment, and financial services, the HP Z840 Workstation is the perfect choice.

- Windows 10 Pro and other editions and downgrades available[8,9]

- Linux® Operating Systems

- Powered by Intel® Xeon® processor E5-2600 v3/v4 family[3]

- Up to 1 TB DDR4-2400 MHz Registered ECC memory[11] (with 64 GB DIMMs)

- High density storage: configure up to 10 internal SFF drives for performance, capacity, and security

- Optional Thunderbolt™ 2[7] technology for up to 4x the bandwidth of USB 3.0

- Seven high-speed PCIe slots enable greater data throughput to multiple I/O devices

- HP Z Turbo Drive G2 (PCIe SSD) for up to 4x the performance of SATA SSDs now in a 1 TB capacity

- Up to four 1 TB[10] HP Z Turbo Drives with the optional HP Z Turbo Drive Quad Pro for up to 4 TB capacity and up to 16x the performance of SATA SSDs[14]

- Highest-performing GPU computing solutions available in the HP Z family

- Easy access to customize and maintain system components with a tool-less and visually cable-free chassis

- Optional HP Z Cooler to dissipate processor heat faster and more efficiently than ever before

- HP Remote Graphics Software (HP RGS)[5] included for high-end screen sharing or remote access to a workstation

Create anywhere

When inspiration strikes, the HP ZBook is there. These superb mobile workstations offer a choice of screen size and are packed with incredible power to take on intensive projects.

HP ZBook 14u Mobile Workstation

Thin, powerful, affordable.
Enjoy workstation performance in a low cost, compact package. The HP ZBook 14u with its 14" diagonal display is a superb combination of mobility and cost. Ready to work and budget friendly, be ready for anything with this thin and light mobile workstation that starts at 4.18 lb[5] and only 19.9 mm.

• Windows 10 Pro and other editions[8]

• FreeDOS 2.0

• Choose from 7th generation Intel® Core™ processor[3,15] options

• Up to UHD UWVA or FHD touchscreen options

• Ultra-slim 21.1 mm form factor (3.61 lb/1.64 kg)[23]

• AMD FirePro™ professional graphics performance

• Up to 2 TB of max storage[10]

• Up to 32 GB DDR4 memory[11]

• HP Z Turbo Drive G2 (M.2 NVMe PCIe SSD) for incredibly fast storage speeds in SED TLC and 1 TB[10] TLC options

• HP Remote Graphics Software (HP RGS)[5] included for high-end screen sharing or remote access to a workstation

HP ZBook 15u Mobile Workstation

Capture your inspiration wherever you go
Create anywhere using HP's thinnest HP ZBook Workstation Ultrabook™[1] in a 15.6" diagonal screen size. This customizable mobile workstation delivers impressive professional 3D graphics and outstanding performance even from the most demanding applications. All in all an unprecedented, reliable design. This is where the fusion of innovation, experience and performance meet.
• Windows 10 Pro and other editions[8]

• FreeDOS 2.0

• Choose from 7th generation Intel® Core™ processor[3,15] options

• Up to UHD UWVA or FHD touch screen options

• Ultra-slim 19.9 mm form factor (4.1 lb/1.86 kg)[23]

• AMD FirePro™ professional graphics performance

• Up to 2 TB of max storage[10]

• Up to 32 GB DDR4 memory[11]

• HP Z Turbo Drive G2 (M.2 NVMe PCIe SSD) for incredibly fast storage speeds now with SED TLC and 1 TB[10] TLC options

• HP Remote Graphics Software (HP RGS)[5] included for high-end screen sharing or remoteaccess to a workstation

HP ZBook Studio Mobile Workstation

World's first quad core workstation Ultrabook™[22]
We put desktop workstation performance in a sleek, new body to unleash the ultimate mobile workstation. At just 18 mm thin, 4.4 lb[23] and an optional 4K HP DreamColor display, you can take your studio on the road with you.

- Windows 10 Pro and other editions and downgrades available[8]
- FreeDOS 2.0
- Choose from 7th generation Intel® Core™ or Intel® Xeon® processor[3,25] options
- Up to UHD/4K DreamColor or FHD Touch UWVA screen options
- Ultra-thin 18 mm design (4.4 lb/1.99 kg)
- NVIDIA® Quadro® professional graphics performance
- Up to 2 TB of max storage[10]
- Up to 32 GB DDR4-2400 standard or ECC system memory[11]
- Up to two 1 TB[10] HP Turbo Drive G2 (M.2 NVMe PCIe SSD) for incredibly fast storage speeds now with TLC and TLC SED options
- Two Thunderbolt™ 3 (supporting DP 1.2, USB 3.1 Gen 2, PCIe) for ultra-fast connections
- Optional HP ZBook Dock with Thunderbolt 3[16] with support for dual 4K monitors
- HP Remote Graphics Software (HP RGS)[5] included for high-end screen sharing or remote access to a workstation

[HP ZBook Studio product overview](#)

HP ZBook 15 Mobile Workstation

Portable powerhouse
Creativity knows no limits on HP's thin and light next generation ZBook 15. Offering a powerful blend of mobility and robust configurability, it's the perfect mix of style, features, and portability.

- Windows 10 Pro and other editions and downgrades available[8]
- FreeDOS 2.0
- Choose from 7th Gen Intel® Core™ [3] or Intel® Xeon® processor[3,25] options
- 15.6-inch (39.6 cm) diagonal display with UHD/4K and HP DreamColor screen options
- Next level of NVIDIA® Quadro® and AMD FirePro™ graphics performance
- Up to 3 TB of max storage[10]
- Up to 64 GB DDR4-2400 standard or ECC system memory[11]
- Two Thunderbolt™ 3 (supporting DP 1.2, USB 3.1 Gen 2, PCIe) for ultra-fast connections
- Up to two 1 TB[10] HP Z Turbo Drive G2 (M.2 NVMe PCIe SSD) for incredibly fast storage speeds now with TLC and SED TLC options
- Optional HP ZBook Dock with Thunderbolt 3[16] with support for dual 4K monitors
- HP Remote Graphics Software (HP RGS)[5] included for high-end screen sharing or remote access to a workstation

HP ZBook 17 Mobile Workstation

HP's ultimate in mobile performance

The HP ZBook 17 offers HP's ultimate in power plus portability with a 17.3-inch diagonal screen, massive scalability and configurability, and all the latest power-packed features.

- Windows 10 Pro and other editions and downgrades available[8,9]

- FreeDOS 2.0

- Choose from 7th Gen Intel® Core™[3] or Intel® Xeon® processor[3,25] options

- 17.3-inch (43.9 cm) diagonal display with UHD/4K and HP DreamColor options

- Next level of NVIDIA® Quadro® and AMD FirePro™ graphics performance

- Up to 4 TB of max storage[10]

- Up to 64 GB DDR-2400 standard or ECC system memory[11]

- Up to two 1 TB[10] HP Z Turbo Drive G2 (M.2 NVMe PCIe SSD) for incredibly fast storage speeds now with TLC and SED TLC options

- Now with tool-less access to the battery and disk drives

- Two Thunderbolt™ 3 (supporting DP 1.2, USB 3.1 Gen 2, PCIe) for ultra-fast connections

- Optional Thunderbolt™ dock[16] with support for dual 4K monitors

- HP Remote Graphics Software (HP RGS)[5] included for high-end screen sharing or remote access to a workstation

For more detailed specs and side-by-side comparisons of HP Z Workstations see the
HP Z Workstations Quick Reference Guide

Expand your horizons

Design your workspace with HP Z Displays to create a whole world view. Choose to connect multiple displays[16] and you're on your way to expanded productivity.

HP Narrow Bezel Z Displays

Create a seamless multi-display[16] setup with the HP Narrow Bezel Z Displays, which have virtually borderless screens for maximum impact imagery, factory color calibration to ensure optimal color accuracy, and flexible connectivity for all of your devices.

Extend your visual workspace and instantly mirror your smartphone or tablet content and charge your devices through MHL.[17] Boost your multi-tasking productivity with Picture-in-Picture or Picture-by-Picture views from your connected devices.

HP Z22n and Z23n Narrow Bezel IPS Displays

Color calibrated for every budget
Create a captivating view with minimal visual disruptions on your choice of 21.5- or 23-inch diagonal screen.

HP Z24n Narrow Bezel Display interactive tour

HP Z24n Narrow Bezel IPS Display

Take it to the edge
Deploy a seamless, multi-display[16] setup in 1920 x 1200 resolution[6] that maximizes the 24-inch diagonal screen.

HP Z24nf Narrow Bezel Display interactive tour

HP Z24nf Narrow Bezel IPS Displays

Full HD
Experience a virtually seamless, high-definition multi-display[16] setup with a 24-inch diagonal screen in Full HD on the HP Z24nf.

HP Z25n Narrow Bezel Display Interactive tour

HP Z27n Narrow Bezel Display Interactive tour

HP Z25n and Z27n Narrow Bezel IPS Displays

Edge-to-edge Quad HD
Enjoy stunning Quad HD views of your content on a 25-inch or 27-inch diagonal, 2560 x 1440 resolution[6] screen with a three-sided, virtually borderless design that enables seamless tiling of multiple displays.[16]

HP Ultra High Definition 4K/5K HP Z Displays

Enhance your visual workspace with Ultra High Definition 4K and 5K options. Connect your display to a workstation and range of digital video devices with multiple connectivity ports.

HP Z24s and Z27s IPS UHD 4K Displays

Join the Ultra High Definition movement
Get expansive views of your projects, documents, and media with 8MP—4x the resolution of Full HD—on a 24-inch or 27-inch diagonal screen. Work with sRGB color gamut and 1.07 billion colors[19] for incredible color presentation of highly-detailed digital workflows.

Instantly mirror your smartphone or tablet content to the large screen through an easy MHL[17] connection that also keeps your devices charged and ready to go. Boost your multi-tasking productivity with Picture-in-Picture or Picture-by-Picture views from your connected devices.

[HP Z27q IPS 5K Display interactive tour](#)

HP Z27q IPS 5K Display

Get real
Redefine lifelike image presentation on a 27-inch diagonal display, which delivers more screen real estate and color clarity with an astounding 5K[18]—7x the resolution of Full HD.

Enjoy accurate, factory color calibration for sRGB, Adobe® RGB, and BT.709—the same color space as Blu-ray media—from the very first time you power on. Get smooth gradations, clear images, and unbelievably rich color presentation on all your projects from the professional grade, 10-bit color quality and up to 1.07 billion colors.

HP Specialty Z Displays

HP Z34c Curved Display

Immerse yourself in the curve
Raise the bar with the HP Z34c Curved Display—34 diagonal inches of an elegant, immersive, curved visual and audio experience with enhanced peripheral readability for your workstation, PC, and mobile device content.

Enhance your visual perception with a thin, curved display, ultra-high resolution, and 21:9 aspect ratio that increases your field of vision.

HP Zvr Virtual Reality Display

Get up close and personal with every project
Change the way you think, work, and create with the HP Zvr 23.6-inch Virtual Reality Display, the first commercial 3D display from HP that delivers a virtual-holographic 3D[24] image so you can see every angle and curve in lifelike detail.

Get an immersive 3D[24] experience with glasses that have five tracking markers recognized by the display's sensors and algorithms. Pull up the holographic image to rotate, manipulate, navigate, and zoom in and out of every detail with the stylus pen.[20]

Gold-standard color-critical displays

HP DreamColor Z24x G2 Display

Turn on your creativity with a premium display
Enjoy pure, consistent color accuracy from design to production with push-button color space selection and easy color calibration. The 24-inch diagonal DreamColor panel produces up to 1.07 billion colors[19] from a massive color gamut with 100% coverage of sRGB, BT.709, and 99% of Adobe® RGB.

HP DreamColor Z27x Studio Display

Astonishing performance for the color professional
Consistently deliver rich, accurate colors and ultra-deep blacks with HP's custom-engineered 27-inch diagonal DreamColor panel featuring HP's integrated calibration engine, 4K[18] input support, and consistent color that drives up to 1.07 billion onscreen colors.

HP DreamColor Z31x Studio Cinema 4K Display

A visionary design
Watch your vision come to life in riveting Cinema 4K resolution. The powerful HP DreamColor Z31x 31-inch Studio Display boasts an expansive color gamut that produces remarkably vivid colors, sleek automation, and high performance tools. Enhanced with a stunning, new high performance panel, the HP DreamColor Z31x Studio Display delivers our widest color gamut yet, with inky blacks, and rich shadow details.

HP DreamColor Z32x UHD Display

The biggest HP DreamColor display ever
Explore your creativity and get expansive views of your projects, documents and media with 8 million pixels and 4K (3840 x 2160) resolution[18]—four times that of a traditional Full HD display—on a massive 31.5-inch diagonal screen the delivers consistent 10-bit color precision, out-of-the-box color calibration, and sRGB, BT709 and Adobe® coverage from HP DreamColor technology.

For more detailed specs and side-by-side comparisons of HP Z Displays see the
HP Z Displays Quick Reference Guide

Extended Services

Your HP Z Workstation experience doesn't end at the time of purchase, so why should our support? HP's Warranty, along with a range of optional services, ensures you have the right support at the right time.

HP Warranty
Every HP Z Workstation comes with a standard 3-3-3 limited warranty (three years parts, three years labor and three years next business day onsite support). You may also benefit from account management and premium call center support.

PC and Printer Services
Behind every HP Z Workstation there's a whole infrastructure of service and support packages designed to ensure that you get maximum value and benefit over the full life of your product.

HP Care Pack[21]
Choose to expand upon your standard, limited warranty by taking advantage of our optional HP Care Pack, and you have the reassurance of knowing that whatever's around the next corner, you're covered.

For more information, please visit: hp.com/go/cpc

Notes

Images courtesy of Local Motors.

¹ EPEAT® registered where applicable. EPEAT registration varies by country. See epeat.net for registration status by country.

² MIL STD 810G 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. Damage under the MIL STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

³ 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 is not a measurement of higher performance.

⁴ HP Performance Advisor requires Windows and an internet connection.

⁵ HP RGS requires a Windows, Linux®, or Mac®OS X 10.10 and newer operating system and network access.

⁶ All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

⁷ Thunderbolt™ 2 is available via an optional add-in card on Z1, Z240 SFF, Z240 Tower, Z440, Z640 and Z840 Workstations. 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.

⁸ 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 microsoft.com.

⁹ This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 10 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.

¹⁰ For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB of system disk is reserved for system recovery software (for Windows 7) and up to 36 GB is reserved for Windows 10.

¹¹ Maximum memory capacities assume Windows 64-bit operating systems or Linux®. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.

¹² Support for external displays as a standard feature through integrated processor-based graphics is dependent upon the particular workstation configuration; the actual number of displays supported will vary. An optional graphics solution will be required for the support of additional displays. Additional cables required. HD (high-definition) content required to view HD images.

¹³ Not all configurations qualify as an Ultrabook™.

¹⁴ Performance measurements tested with Iometer 1.1.0 with 12 workers, queue depth of 128, file size of 128KB used for sequential measurements, file size of 4KB used for random measurements.

¹⁵ Your product does not support Windows 8 or Windows 7. 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.

¹⁶ Sold separately.

¹⁷ Requires the smart phone or tablet to be enabled for MHL or have an HDMI dongle to connect to the monitor. See your mobile device specifications.

¹⁸ 4K content required to view 4K resolution.

¹⁹ Up to 1.07 billion colors through A-FRC technology.

²⁰ 3D glasses, 3D glass clip-on, and stylus pen are included.

²¹ HP Care Packs are optional. Service levels and response times for HP Care Packs may vary depending on your geographic location. Restrictions and limitations apply. Service starts at date of hardware purchase. For details, visit hp.com/go/cpc

²² Based on HP's internal analysis of all mobile workstation models from any vendors with >200 thousand unit annual sales as of October 29, 2015, having Quad-core CPU's, with Intel®'s Ultrabook Certification.

²³ Weight will vary by configuration.

²⁴ 3D content is required for 3D performance.

²⁵ The following applies to HP systems with Intel® 6ᵗʰ Gen and other future-generation processors on systems shipping with Windows 7, Windows 8, Windows 8.1 or Windows 10 Pro systems downgraded to Windows 7 Professional, Windows 8 Pro, or Windows 8.1: This version of Windows running with the processor or chipsets used in this system has limited support from Microsoft. For more information about Microsoft's support, please see Microsoft's Support Lifecycle FAQ at support.microsoft.com/lifecycle.

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