



# Made For More

Power through your heaviest workloads with high-performance workstation computers, including AI-enhanced<sup>40</sup> laptops, desktops, monitors and solutions.



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# Find The Right Workstation For You

Tested, optimized and certified to power complex workflows, HP Z high-performance workstations are engineered to outperform your typical PC. Get more done with extremely reliable devices and hybrid work solutions designed for demanding projects.

From AI and data analysis to real-time rendering, 3D design and animation — Z Workstations drive the heaviest professional workflows.

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Z FOR CREATIVITY

# Create Without Compromise

Creative, Media & Entertainment Pros

Whether it's a VFX or 3D animation sequence, a virtual environment or an AI-driven concept design, reach peak creative flow with Z laptop and desktop workstations. We work closely with top software providers to ensure peak performance for your most complex projects.

## Top Software Apps

Adobe Premiere Pro | Autodesk Flame | Autodesk Maya | Avid Media Composer

DaVinci Resolve | Foundry Nuke | SideFX Houdini | Unreal Engine

## IDEAL FOR

### 2D & 3D Concepting

Quickly generate 3D models from 2D drawings with Z devices certified for CAD software. With the latest high-frequency processing technology, you get advanced performance and real-time interactivity.

### 3D Modeling & Rendering

Whether you're cutting together spots, shorts or features, you push your system to the max. That's why we've developed an extensive line of powerhouse devices to help you edit in less time so you can hit your deadlines.

### Visualization

Z devices are built for every step of the development process with powerful graphics to 3D render an entire universe.

### Simulation & Clash Detection

From print layouts to typography treatments to branding projects, Z helps you iterate and design faster so you can tackle any project any way you want.

### 3D Site Scanning

The power to handle thousands of photos. The precision to hone each one to perfection. Z is specifically designed to ensure you see every detail just as you captured it, with enhanced color accuracy and image quality.

Z FOR ARCHITECTURE

# Build The Future

Architects, Engineers & Construction

From 3D modeling and simulation to visualization and more, power through your most demanding workflows with Z desktop or laptop workstations. We work closely with top software providers to ensure peak performance for your most complex projects.

## Top Software Apps

Archiad | Autodesk Revit | Bentley | SketchUp | Twinmotion | Unreal Engine | Vectorworks

## IDEAL FOR

### 2D & 3D Concepting

Quickly generate 3D models from 2D drawings with Z devices certified for BIM software

### 3D Modeling & Rendering

Easily manipulate 3D shapes and render photorealistic models in real time with certified NVIDIA® RTX™ graphics and high-frequency, multi-core CPUs optimized for multi-threaded applications.

### Simulation & Clash Detection

Forget waiting for your structural and energy simulations to run. Z devices have all the graphics, storage and memory you need to analyze in real time.

### 3D Site Scanning

Process complex LIDAR point cloud data and create accurate 3D models with Z devices - packed with massive memory, multi-core Intel® Xeon® processors and high-end NVIDIA® RTX™ graphics.

### Printing Site Plans

Seamlessly move your final project from your Z device to HP's large format printer for detailed and accurate construction drawings.

Z FOR MANUFACTURING

# Realize Your Vision

Product Designers & Engineers

From 3D modeling and simulation to visualization and more, power through your most demanding workflows with Z desktop or laptop workstations. We work closely with top software providers to ensure peak performance for your most complex projects.

Top Software Apps

CATIA | Creo | Fusion 360 | Inventor | Siemens NX | Solid Edge | SOLIDWORKS

## IDEAL FOR

### 2D & 3D Concepting

Quickly generate 3D models from 2D drawings with CAD software on Z devices. Get advanced performance with the latest high frequency processing technology with real-time interactivity.

### Rendering & Visualization

Easily manipulate 3D shapes and render photorealistic models with powerful NVIDIA GPUs and high-performance workstations.

### Simulation

Iterate fast. Experiment more. High-frequency processing, multiple cores, and powerful GPUs helps your CFD and FEA simulation applications run fast and smooth.

### Additive Manufacturing

Bring your designs to market faster with HP's Multi Jet Fusion 3D printing technology.

Z FOR ANALYTICS & AI

# Do More With Data and AI

Data Scientists & Analysts

AI and data analytics are now employed for business advantage in nearly every industry segment. Get rapid results with complex data on your most challenging machine learning and data visualization projects with Z data science desktop and mobile workstations – purpose-built for this demanding work.

HP Z Data Science Stack Manager<sup>1</sup>

Miniconda | RAPIDS | TensorFlow | PyTorch

## IDEAL FOR

### Data Analytics

Ingest, clean, analyze, and visualize data in near real-time, providing the critical insights for your business, right when you need them.

### Machine / Deep Learning

Increase inference throughput and quickly create better models by training with larger data sets and less latency.

### Computer Vision

Perform object detection, image classification, and image segmentation with speed and accuracy on large image and video files.

### Natural Language Processing

Achieve greater precision and recall for both audio and text NLP models by running more iterations and decreasing model run time.

Z FOR ANALYTICS & AI

# Ground-breaking Solutions that Accelerate AI Development

HP's AI creation center offers an end-to-end ecosystem for quick configuration setup, accelerated AI development, and instant access to additional compute power.

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## HP Data Science Stack Manager

Save time customizing and managing your environment with convenient access to the libraries, applications, and developer tools.<sup>1</sup> The HP Z Data Science Stack Manager works in partnership with the HP Z Data Science Software Stack. It is available on Ubuntu or Windows, via Microsoft's Windows Subsystem for Linux (WSL 2),<sup>2</sup> and it includes open-source software like TensorFlow and PyTorch, developer tools like Git and Visual Studio Code, plus support for NVIDIA CUDA, to name a few.

## HP AI Studio<sup>3</sup>

A platform that centralizes AI development locally, bringing together data, people, and compute.<sup>3</sup> Get fast and easy access to tools, templates, and models to collaborate on AI, machine learning, and data science projects, without having to rely on cloud resources.

## HP Z Boost<sup>4</sup>

Provide data scientists and AI developers access to idle GPUs in workstations you own to turn PCs into powerhouse devices that accelerate AI development cycles.<sup>4</sup> Teams can access and share GPUs to boost their compute capabilities to train AI models on their own devices without comprising on compute.

## HP Gen AI Lab

Expand the capabilities of AI Studio<sup>3</sup> and boost productivity with an end-to-end solution for the creation of trusted gen AI apps and models. Jumpstart development with customizable gen AI blueprints and ensure accuracy by protecting against hallucinations, drift, and bias in outputs with Galileo integration.

# HP ZBook Mobile Workstations

High performance laptops for technical and creative professionals who need ultimate performance on-the-go.



#### Featuring HP Active Care

Ensure your workforce has the support they need for optimal uptime with HP Active Care, wherever work takes them<sup>5,6</sup>



#### Featuring HP Accidental Damage Protection.

Make work worry-free from drops, spills or other device mishaps with HP Accidental Damage Protection.<sup>6</sup>



## ZBook Fury G1i 16" & 18"

So powerful you'll forget it's a laptop.

Tackle intense workflows with the HP ZBook Fury - offering a desktop class CPU in a laptop. The new 18" size delivers even more power for pro-graphics, and massive memory & storage. Simultaneously edit 8K videos and render in 3D on the go.

#### Specs:

- Up to an Intel Core™ Ultra 9 HX 55W CPU<sup>7</sup> with up to 13 TOPS NPU<sup>16,40</sup>
- Up to NVIDIA RTX PRO 5000 Blackwell GPU<sup>8</sup>
- Up to 256 GB DDR5 SODIMM memory<sup>17</sup>
- Up to 16 TB NVMe SSD TLC storage<sup>9</sup>
- 16" or NEW 18" diagonal

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## ZBook 8 G1i 14" & 16" ZBook 8 G1ah/ak/as 14"



Up level performance. Not size.

Pro-level performance combines with true mobility in this sleek and powerful laptop. Review 3D designs and create with AI tools in pro apps where you are. Stay productive with a PC that delivers both performance and long-lasting battery.<sup>10</sup>

#### Specs:

- Up to Intel Core™ Ultra 9 H45 CPU<sup>7</sup> with up to 13 TOPS NPU<sup>16,40</sup> or up to AMD Ryzen AI 9 PRO 375 CPU<sup>7</sup> with up to 55 TOPS NPU<sup>16,40</sup>
- NVIDIA RTX 500 Ada GPU (Intel Only)<sup>8</sup> or AMD Radeon integrated unified memory graphics<sup>8</sup>
- Up to 64 GB DDR5 SODIMM memory<sup>8</sup>
- Up to 2 TB M2 PCIe/NVMe SSD storage<sup>9</sup>
- 14" or 16" diagonal

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## ZBook X G1i 16"



Pro-certified power within reach

Upgrade to professional ISV certified performance at an unbelievably affordable price. Pro-grade components deliver exceptional performance to work with generative AI to explore design concepts, or complete 3D modeling and conceptual design.

#### Specs:

- Up to Intel Core™ Ultra 9 285H 45W CPU<sup>7</sup> with up to 13 TOPS NPU<sup>16,40</sup>
- Up to NVIDIA RTX PRO 2000 Blackwell GPU<sup>8</sup>
- Up to 64 GB DDR5 SODIMM memory<sup>8</sup>
- Up to 8TB NVMe™ SSD storage<sup>9</sup>
- 16" diagonal

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## ZBook Ultra G1a 14"



Transformative AI performance. Redefining workflows.

Unleash groundbreaking performance to take on complex AI workflows with a sleek, thin, battery-efficient mobile workstation. Simultaneously render and visualize graphics-heavy projects or work with LLMs locally. This is power redefined.


#### Specs:

- Up to AMD Ryzen™ AI Max+ PRO 395 processor<sup>40</sup>
- Up to 128 GB 8000MT/s system memory<sup>41</sup>
- Integrated graphics with up to 96 GB dedicated VRAM<sup>39</sup>
- Up to 4 TB NVMe™ SSD TLC storage<sup>13</sup>
- 14" diagonal

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# Z Mainstream Desktops

Mainstream workstations for professionals who demand high performance for creative and technical workloads.

 **Featuring HP Configuration and Deployment Services**  
Give professionals the tools they need to work at their best with workstations custom-configured to their performance and application requirements right from the factory.<sup>6</sup>

## Z2 Mini G1a

Mini workstation.  
Transformative AI performance.

Unlock workflows previously not possible on a mini workstation with a compact next gen AI PC to take on complex AI accelerated projects like never before. Simultaneously 3D design and render graphics-intensive projects or work locally with LLMs.

### Specs:

- Up to AMD Ryzen™ AI Max+ PRO 395 processor<sup>7</sup>
- Up to 128 GB 8000MT/s system memory<sup>13</sup>
- Integrated graphics with up to 96 GB dedicated VRAM<sup>11</sup> with 50 AI TOPS<sup>16</sup>
- Up to 8 TB NVMe™ storage<sup>12</sup>

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## Z2 Mini G1i

Powers large workflows. Fits a tiny space.

Get incredible high performance packed into an insanely petite Z2 Mini G1i AI workstation to tackle 3D design, real-time rendering, and basic model development. Fitting on a desk or behind a monitor, conveniently access ports. And when your demands change, you have impressive expandability to upgrade.

### Specs:

- Up to Intel® Core™ Ultra 9 CPUs<sup>14</sup>, including optional K-series, with NPU<sup>15,16</sup>
- Supports NVIDIA® RTX™ 4000 SFF Blackwell Generation Graphics<sup>42</sup>
- Up to 128 GB DDR5 memory<sup>8</sup> & Up to 6400 MT/s
- Up to 8 TB storage<sup>12</sup>

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## Z1 Tower G1i



### The most affordable Z Desktop

Workstation performance is now within reach with a desktop built for designing, editing, and even gaming. Go beyond a commercial PC with the Z1 AI workstation, delivering pro-level, expandable performance certified for pro-apps, with support for NVIDIA RTX™ graphics.

### Specs:

- Up to Intel® Core™ Ultra 9 CPUs<sup>14</sup>
- Up to NVIDIA RTX 5060Ti GPU<sup>41</sup>
- Up to 128 GB DDR5 memory<sup>8</sup>
- Other 3rd Party graphics cards may be available<sup>46</sup>
- Up to 10 TB storage<sup>9</sup> (SSD+HSS+ Front Removable)

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## Z2 SFF G1i



### Tower power at a third of the size.

Re-engineered to get all the power of a full size tower at a fraction of the size. The Z2 SFF AI workstation delivers high performance for intensive workflows—from 3D design to real time ray tracing—now and in the future. When your demands change, you have impressive ability to upgrade and expand.

### Specs:

- Up to Intel® Core™ Ultra 9 CPUs<sup>14</sup>, including optional K-series, with NPU<sup>15,16</sup>
- Up to NVIDIA® RTX™ 4000 SFF Blackwell Generation graphics<sup>42</sup> with up to 307 AI TOPS<sup>16</sup>
- Up to 256GB DDR5 memory<sup>17</sup> & Up to 5600 MT/s
- Up to 14 TB storage<sup>12</sup> (12TB SSD + 2TB removable)

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## Z2 Tower G1i



### Mainstream workstation performance—reimagined

Experience a new level of performance for professional workflows the Z2 Tower AI workstation is reengineered to support high-end graphics and seamlessly run multi-threaded apps for fast rendering, simulation, and real-time ray tracing. When your demands change, enjoy easy expandability to upgrade.

### Specs:

- Up to Intel® Core™ Ultra 9 CPUs<sup>14</sup>, including optional K-series, with NPU<sup>15,16</sup>
- Support for triple wide/ 600w graphics, up to NVIDIA® RTX 6000-series<sup>43</sup> with up to 1,457 AI TOPS<sup>16</sup>
- Up to 256 GB DDR5 memory<sup>18</sup> & up to 5600 MT/s
- Up to 40 TB storage<sup>12</sup> (12TB SSD + 24 TB HDD +4TB removable)

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# Z Performance Desktops

High-end desktop workstations that deliver peak performance for the world's heaviest workflows.



## Featuring HP Proactive Insights

Maximize professional productivity<sup>19</sup> with cloud-based device and application performance insights and analytics<sup>20</sup> that let IT proactively address potential issues before they disrupt work.



## Z4 G5

Our best-selling workhorse, now more powerful.

Tackle advanced workflows—from rendering and simulation to advanced video editing and massive dataset preparation. The Z4 AI workstation accelerates workflows across a wide range of professional apps and provides room to expand as work evolves.

### Specs:

- Up to 26-core Intel® Xeon® W7 processor<sup>21</sup>
- Up to two NVIDIA® RTX PRO™ 6000 Ada or 2 AMD Radeon™ PRO W6800 GPUs<sup>22</sup>
- Up to 512 GB DDR5 ECC RAM
- Up to 92 TB storage<sup>23</sup>

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## Z6 G5/G5 A



Unleash extreme graphics performance.

Accelerate AI and graphics-heavy projects on the Z6 AI workstation—from data visualization and machine learning to real-time ray tracing and advanced VFX—with powerful single socket technology, up to 3 high-end GPUs, and plenty of room to expand.

### Specs:

- Up to 36-core Intel® Xeon® W9 processor<sup>7</sup> or up to 96 cores AMD Ryzen™ Threadripper™ PRO 7000 WX-Series CPU<sup>7</sup>
- Up to three NVIDIA® RTX PRO™ 6000 Ada<sup>8</sup> or two AMD Radeon™ PRO W7900 GPUs<sup>8</sup>
- Up to 1 TB DDR5 RAM
- Up to 88 TB or 104 TB storage<sup>9</sup>

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## Z8 G5



Take on processor-intensive workloads relentlessly.

Harness incredible CPU performance with the Z8 AI workstation and its dual-socket design. Accelerate AI and machine learning model training, real-time ray tracing, and 3D visualization & simulation, with plenty of room to expand as demands change.

### Specs:

- Up to Dual Intel® Xeon® Scalable Processors with up to 64 cores total<sup>21</sup>
- Up to two NVIDIA® RTX PRO™ 6000 Ada GPUs or 2 AMD Radeon™ PRO W6800 GPUs<sup>22</sup>
- Up to 1 TB DDR5 RAM
- Up to 136 TB storage<sup>24</sup>
- Up to 1700W power supply<sup>25</sup>

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## Z8 Fury G5



Extreme Performance. Infinite possibilities.

Transformative single socket technology delivers extreme performance with up to 60 cores in a single CPU, to also unleash the power of up to 4 high-end GPUs. Now you can breeze through even the most complex deep learning, virtual production, and VFX.

### Specs:

- Up to 60-core Intel® Xeon® W9 processor<sup>7</sup>
- Up to four NVIDIA® RTX PRO™ 6000 Ada or 2 AMD Radeon™ PRO W6800 GPUs<sup>22</sup>
- Up to 2 TB DDR5 RAM
- Up to 136 TB storage<sup>24</sup>
- Up to 2250W power supply<sup>26</sup>

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# HP Z Remote Access Solution

Empower a flexible, leading-edge workforce.

Free your power users to tackle compute- and graphics-intensive projects from anywhere. With HP Z desktop workstations, paired with HP software and solutions, you can maximize your high-end computing investment for demanding, remote workflows – all developed and tested by HP.<sup>27</sup>

LEARN MORE

## HP Z Desktop Workstations



Tested, optimized and certified to power complex workflows.

Whether at a user's desk or rack-mounted, HP Z desktop workstations deliver ultimate performance for hybrid teams doing graphic-intensive work and provide the power for the HP Remote Access Solution.<sup>27</sup>

With a solution that provides 1:1 access to a workstation, users get 100% of the machine's performance—even on graphics-heavy work like 3D VFX or rendering and data visualization.

LEARN MORE

## HP Anyware Software



The power of Z from anywhere.

HP Anyware<sup>28</sup> is the enterprise software IT needs to keep power users productive with secured access to their workstations without a VPN. Users can remotely connect a tablet, laptop or thin client to the powerful workstation back in the office.

HP Anyware<sup>28</sup> delivers a color-accurate, low latency user experience, even under varying network connections, so your users get the same experience as if a workstation were next to them—even on graphics-heavy work.

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## HP Remote System Controller



Out-of-band management for workstations

The HP Remote System Controller<sup>29</sup> is a remote out-of-band management solution that gives you the power to monitor and manage a workstation fleet without compromising control, all from a single interface.

With out-of-band management capabilities such as pre-boot access, BIOS updates, and re-imaging<sup>30</sup>, you can provide support and maintenance from anywhere.<sup>31</sup> And when paired with Z desktop workstations, you get an enhanced set of features like direct control of power button signal<sup>32</sup> and hardware alerts and diagnostics.<sup>33</sup>

LEARN MORE



## Z4 Rack G5

Compactly Rackable. Uniquely Powerful.

Empower a flexible workforce with full-scale performance in a rackable, expandable, powerhouse of a 1U workstation. Power users can tackle graphics-heavy projects from virtually anywhere with remote access<sup>24</sup> and IT can easily manage it all.

Specs:

- Up to 26-core Intel® Xeon® W7 processor<sup>7</sup>
- Up to one NVIDIA® RTX™ 6000 Ada GPU<sup>8</sup> or support for up to 2 NVIDIA RTX™ 4000 Ada GPUs<sup>8</sup>
- Up to 256 GB DDR5 ECC RAM
- Up to 36 TB storage<sup>9</sup>

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# HP Series 7 Pro Monitors

Enjoy a truly immersive experience with a curved display or the extraordinary richness and superb color accuracy of a DreamColor-class<sup>34</sup> display.\*

LEARN MORE



## HP 738pu WQHD+ Thunderbolt™ 4 Monitor

The path to excellence doesn't cut corners, it curves them.

### Specs:

- 37.5 inch diagonal
- WQHD+ (Ultrawide Quad HD) 3840 x 1600
- 100% sRGB, 98% Display P3, Factory Color Calibrated
- DisplayPort 1.4, HDMI 2.0, USB-C®, Thunderbolt™ 4 with 100W of delivery, 5x USB-A, RJ-45

## HP 740pm 5K2K WUHD Conferencing Monitor



Experience extraordinary, true-to-life color and see all of your projects at once, in stunning detail.

### Specs:

- 39.7 inch diagonal
- WUHD (Ultrawide 5K:2K) 5120x2160
- 100% sRGB, 98% Display P3, Factory Color Calibrated
- 2x Thunderbolt™ 3 with USB-C®, HDMI, DisplayPort™ in, DisplayPort™ out, 4x USB-A

## HP 734pm WQHD Conferencing Monitor



Intelligent conferencing delivers productive, high-quality collaboration every time.

### Specs:

- 34 inch diagonal
- WQHD (Ultrawide Quad HD) 3440 x 1440
- 100% sRGB, 98% Display P3, Factory Color Calibrated
- 4x USB-C®, HDMI 2.0a, DisplayPort™ in, DisplayPort™ out, 5x USB-A 3.2 Gen 2
- Thunderbolt™ 4 with 100W of delivery

## HP 727pm 4K Conferencing Monitor



Create with billions of realistic colors<sup>23</sup> in HDR400 and 4K resolution.

### Specs:

- 27 inch diagonal
- 4K (Ultra HD) 3840 x 2160
- 100% sRGB, 98% Display P3, Factory Color Calibrated
- 4x USB-C®, HDMI 2.0, DisplayPort in, DisplayPort out, 5x USB-A 3.2 Gen 2
- Thunderbolt™ 4 with 100W of delivery

# HP Series 7 Pro Monitors

Remove barriers between design and designer with meticulously crafted and factory color calibrated monitors.

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## HP 732pk 4K Thunderbolt™ 4 Monitor

Experience your creations in tangible, lifelike detail with IPS Black technology and 4K UHD resolution.<sup>35</sup>

- 31.5 inch diagonal
- 4K UHD (3840 x 2160)
- 100% sRGB, 98% Display P3, Factory Color Calibrated
- 4x USB-A 3.2, DisplayPort™ 1.4, HDMI 2.0
- Thunderbolt™ 4 with 100W of delivery



## HP 724pf FHD Monitor



Capture your vision better than you ever imagined and trust what you see on screen with superb color accuracy.

### Specs:

- 23.8 inch diagonal
- FHD (1920 x 1080)
- 99% sRGB, 85% Display P3, Factory Color Calibrated<sup>45</sup>
- 4x USB-A 3.2, DisplayPort™ 1.4, HDMI 1.4

## HP 724pn WUXGA Monitor



Do more with the 16:10 aspect ratio and WUXGA resolution that displays more of your work at once.

### Specs:

- 24 inch diagonal
- WUXGA (1920 x 1200)
- 99% sRGB, 85% Display P3, Factory Color Calibrated<sup>45</sup>
- 4x USB-A 3.2, DisplayPort™ 1.2, HDMI 1.4

## HP 724pu WUXGA USB-C Monitor



Capture your vision better with the 16:10 aspect ratio and WUXGA resolution plus seamless USB-C® connectivity.

### Specs:

- 24 inch diagonal
- WUXGA (1920 x 1200)
- 99% sRGB, 85% Display P3, Factory Color Calibrated<sup>45</sup>
- 4x USB-A 3.2, DisplayPort™ 1.4, HDMI 2.0

## HP 727pq QHD Monitor



See your bright ideas become brilliant. Keep your vision in focus with crisp and accurate visuals from screen to screen.

### Specs:

- 27 inch diagonal
- QHD (2560 x 1440)
- 100% sRGB, 98% Display P3, Factory Color Calibrated
- 3x USB-A 3.2, 2x DisplayPort™ 1.4, HDMI 2.0

## HP 727pu QHD Thunderbolt™ 4 Monitor



Keep your vision in focus with crisp front-of-screen visuals and powerful multitasking capabilities.

### Specs:

- 27 inch diagonal
- QHD (2560 x 1440)
- 100% sRGB, 98% Display P3, Factory Color Calibrated
- 5x USB-A 3.2, USB-C, DisplayPort™ 1.4, HDMI 2.0
- Thunderbolt™ 4 with 100W of delivery

## HP 727pk 4K Thunderbolt™ 4 Monitor



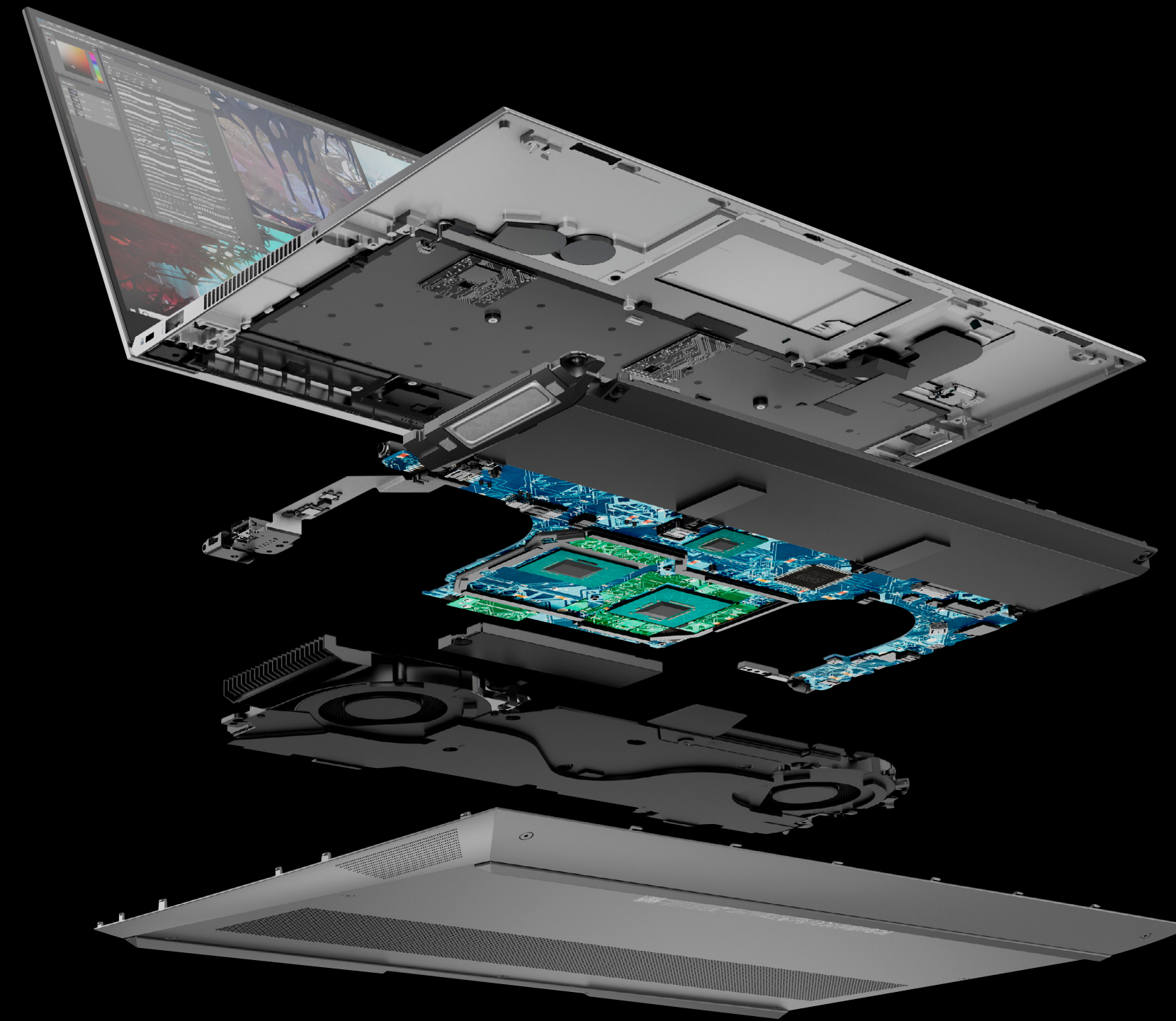
Create awe-inspiring work with true-to-life clarity and power through your heftiest multitasking.

### Specs:

- 27 inch diagonal
- 4K UHD (3840 x 2160)
- 100% sRGB, 98% Display P3, Factory Color Calibrated
- 5x USB-A 3.2, USB-C, DisplayPort™ 1.4, HDMI 2.0
- Thunderbolt™ 4 with 100W of delivery

# What Makes HP Z Unique?

Rigorous testing and careful coordination with our software partners means our products are more reliable and fully optimized for your needs.



## ISV Certification

Certified for a better experience.

Certification helps ensure that HP Z's workstation hardware solution is compatible with the software products that will run on it.

HP works closely with ISVs from the beginning - both in the development of new hardware and in the design of new software or a software revision to ensure optimized performance and a high-quality user experience on both sides.

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## Reliability

Reliability first.

Work with confidence knowing all Z Workstations are tested, proven and certified by Independent Software Vendors including MIL-STD durability tests<sup>44</sup> for extreme environments and up to 360,000 hours of testing for heavy workloads.

We work alongside ISVs across both hardware development and software design so your workstation is perfectly optimized for your workflow.

Experience the power of total compatibility between your hardware and software.

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# Why Choose HP Z?

From protecting our planet with ambitious sustainability initiatives to customizable OEM solutions that span the globe, going with HP is a choice you'll always feel good about.



## OEM Solutions

**Innovate Securely, Scale Globally: Future-Ready OEM Solutions**

We offer flexible, high-performance solutions tailored for your unique needs in healthcare, industrial automation, retail, defense, and other industries.

Our global sustainable solutions feature robust security, long lifecycles, and cutting-edge technology - including solutions for AI and edge computing. This enables you to focus on innovating your IP while ensuring scalability and seamless integration.

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## Sustainability

**Better for people, better for the planet.**

Help protect our shared future with the world's most sustainable PC portfolio.<sup>36</sup>

Every HP Z device is registered EPEAT® Gold or Silver — the world's most stringent and comprehensive measure of product sustainability.<sup>37</sup>

In addition, 100% of HP Z Workstations include ocean-bound and recycled plastics.<sup>38</sup>

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## Security

**Trust it like you engineered it.**

Threats lurk everywhere and can strike at any time. With the world's most secure workstations<sup>39</sup>, you never risk compromising valuable IP because devices are hardwired with world class security features.

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## DISCLAIMERS:

- HP Z Data Science Stack Manager requires Windows 10 version 21H2 (Build 19044) and higher or 64-bit Ubuntu 20.04 and is available on select Z workstations.
- WSL 2 requires Windows 10 or higher, Intel Core i5 processor or higher and is available on select Z workstations. You must be running Windows 10 version 2004 and higher (Build 19041 and higher) or Windows 11.
- HP Z AI Studio requires Windows 10 (build 19041 and higher) or Windows 11 OS, Intel Core™ i5 12th gen or higher, AMD Ryzen™ 9 or higher processors, minimum 50 GB of available storage, 16GB of RAM, and Internet access. To enable GPU compute, HP Z AI Studio requires any NVIDIA® GPU compatible with driver version 528.89 or newer. A minimum of 8GB of VRAM is recommended. Join waitlist for access to HP Z AI Studio early access program.
- HP Z Boost requires client device with Windows 10 or Windows 11 OS and Vulkan Runtime for devices without a GPU, or WSL2 with Ubuntu 22.04 or Ubuntu 22.04 LTS or greater. Host device for sharing GPU(s) must be a Z by HP workstation with NVIDIA professional grade workstation GPU(s) of Pascal architecture or later with an installed driver version 535 or greater, and a CUDA driver version 11.2 through to 12.3, Windows 10 or Windows 11 OS (WSL is not supported), or Ubuntu 22.04 LTS or greater or Debian 11 or greater with libatomic1, libnumall, libvulkan1, libgl1, libgl1-mesa-dev packages installed. Network connection required. Join waitlist to be considered for selection for early access
- Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit [www.hp.com/go/cpc](http://www.hp.com/go/cpc). HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.
- Internet access with connection to Tech Pulse portal is required. For full system requirements, please visit <http://www.hpdaas.com/requirements>.
- 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/AMD numbering, branding, and/or naming are not measurements of higher performance.
- Optional feature that must be configured at purchase.
- For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB (for Windows) is reserved for system recovery software.
- Battery life will vary depending on the product model, configuration, loaded applications, features, use, wireless functionality and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See MobileMark25 battery benchmark <https://bapco.com/products/mobile-mark-2018/https://bapco.com/products/mobilemark-25/> for additional details
- Graphics are sold separately or as an optional feature. For the Z2 Mini, the NVIDIA® Quadro RTX™ 3000 graphics are an add-on feature that must be configured at the time of purchase. For the ZCentral 4R, the NVIDIA RTX™ A6000 is only available on the high end chassis and requires the dual slot riser which is sold separately. For the Z4 G5, two AMD Radeon™ Pro W6800 GPUs is planned to be available in the first half of 2023. For the Z6 G5, three NVIDIA RTX™ A6000 GPUs are only configurable on the 1450W power supply (in 200V countries, which does not include USA). For the Z8 G5, configuration for 2 AMD Radeon™ Pro W6800 GPUs is planned to be available in the second half of 2023.
- 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.
- Up to 128GB memory is an optional, configurable feature.
- 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. For the Z8 G5, 64 cores is enabled through installation of two CPUs. 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. For the Z2 Mini G1a, 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. AMD's numbering is not a measurement of clock speed.
- AI applications that require an NPU may require software purchase, subscription or enablement by a software or platform provider, and third-party software may have specific configuration or compatibility requirements. Performance varies by use, configuration, and other factors.
- Trillions of Operations per Second (TOPS) for an Intel processor is the maximum number of operations per second that can be executed in an optimal scenario and may not be typical. TOPS may vary based on several factors, including the specific system configuration, AI model, and software version.
- Up to 192 GB memory is available. Up to 256 GB memory is planned to be available in the second half of 2025
- Up to 192 GB memory is available at launch. Up to 256 GB memory is planned to be available in the second half of 2025.
- HP Proactive Insights and/or included components may vary by region, by operating system, or by authorized HP service partner. Please contact your local HP representative or authorized partner for specific details in your location. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

- HP TechPulse is a telemetry and analytics platform that provides critical data around devices and applications and is not sold as a standalone service. HP TechPulse follows stringent GDPR privacy regulations and is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Internet access with connection to TechPulse portal is required. For full system requirements, please visit [hpdaas.com](http://hpdaas.com).
- 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. Optional feature that must be configured at purchase. For the Z8 G5, 64 cores is enabled through installation of two CPUs.
- NVIDIA RTX™ A6000 and AMD Radeon™ Pro W6800 GPUs are sold separately or as an optional feature.
- Optional, configurable features. Configurations for 2TB DDR5 RAM and 120 TB storage are planned to be available in the first half of 2023. Configuration for 120TB requires separate additional purchase. For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB is reserved for system recovery software.
- Storage memory is an optional, configurable feature. Two front-accessible NVMe bays require a 5.25 bay carrier. Configuration for 120TB requires separate additional purchase. For storage drives, 1GB = one billion bytes; 1TB = one trillion bytes. Actual formatted capacity is less. Up to 35GB is reserved for system recovery software.
- 1700W power supply is only available in 200V countries.
- Redundant and aggregate power requires configuring two 1125W power supplies at hardware purchase.
- The HP Z Remote Access Solution recommended configurations include HP Z workstations, HP Remote System Controller, and HP Anyware software for remote access to an end point device. Network access required. HP Anyware software and licensing are available through a 1- or 3-year subscription. Renewal is required after the subscription term. HP Anyware subscriptions are based on the number of concurrent PCoIP connections used (pay for the number of host connections, not the software) with a minimum order quantity of 5. For a limited time, an HP Anyware Professional subscription also includes access and support for ZCentral Remote Boost and ZCentral Connect and is available for purchase through an HP reseller or contact sales at [hp.com/Anyware](http://hp.com/Anyware). ZCentral Remote Boost Sender requires Windows 10 and 11, RHEL/CentOS (7 or 8), or UBUNTU 18.04 or 20.04 LTS operating systems. macOS (10.14 or newer) operating system and ThinPro 7.2 are only supported on the receiver side. ZCentral Connect requires Windows (10 or 11) or Windows Server (2016 or 2019) operating system, Microsoft Active Directory and Intel Active Management Technology for select features. For system requirements and to install HP Anyware and Anyware Manager, refer to the Admin Guides at: <https://docs.teradici.com/find/product/hp-anyware>. HP Remote System Controller is sold separately. Internet access required
- HP Anyware requires network access. HP Anyware supports Windows®, Linux® and MacOS® host environments and Window, Linux, MacOS, iOS®, Android®, and Chrome OS® end-user devices. For more on the system requirements for installing HP Anyware, refer to the Admin Guides at: <https://anyware.hp.com>. HP Anyware is based on the Teradici CAS software and licensing platform and is available through a 1- and 3-year subscription. HP Anyware subscriptions are based on the number of concurrent PCoIP connections used (pay for the number of host connections, not the software) with a minimum order quantity of 5. HP Anyware subscriptions gives you a license key to activate a connection to a hosted desktop as well as support and updates to the Anyware Agents, Anyware Clients and the Anyware Manager available for download here: <https://anyware.hp.com>. For a limited time, an HP Anyware subscription also includes access and support for ZCentral Remote Boost and ZCentral Connect and is available for purchase through an HP seller or by contacting sales at: [hp.com/Anyware](http://hp.com/Anyware)
- HP Remote System Controller requires internet access. Automation of tasks and viewing system information only available with select Z desktop workstations, see datasheet for details. HP Integrated Remote System Controller not compatible with Z2 Mini platforms and not recommended for non-Z devices. HP service and support not available for non-Z devices. Full suite of hardware alerts available with select Z desktop workstations. See datasheet for details. HP Remote System Management must be purchased separately and is required for fleet management and viewing of consolidated reports from all devices. Planned to be available 2H of 2023.
- Internet access required. Automation of tasks available with select Z desktop workstations, see datasheet and quickspecs for details.
- Internet access required.
- Based on HP's unique and comprehensive security capabilities at no additional cost among vendors on HP Workstations with Windows and 8th Gen and higher Intel® processors or AMD Ryzen™ 4000 processors and higher.
- Full suite of hardware alerts available with select Z desktop workstations. See datasheet for details
- A DreamColor-class display is defined by 1) Factory calibrated color accuracy with Delta E < 2 for each measured color, 2) 10-bit color (either True 10-bit or 8bit +FRC) , and 3) a color gamut of 98% Display P3 or greater

- 4K content required to view full 4K images.
- Applies to HP PCs, workstations and displays manufactured after January 2019. Based on most Gold and Silver EPEAT® registrations by meeting all required criteria and achieving 50-74% of the optional points for EPEAT® Silver and 75-100% of the optional points for EPEAT® Gold according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- ENERGY STAR® is a registered mark owned by the U.S. government. EPEAT® is a registered trademark of Green Electronics Council. Configurations of Z Desktop Workstations with TCO Certified requires an ENERGY STAR certification and a USB type C port configured as either an add-on option or flex port selection.
- Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.
- Based on HP's unique and comprehensive security capabilities at no additional cost among vendors on HP Workstations with Windows and 8th Gen and higher Intel® processors or AMD Ryzen™ 4000 processors and higher.
- Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third party software may have specific configuration or compatibility requirements. Performance varies by use, configuration, and other factors.
- Optional feature that must be configured at purchase. 5060Ti will launch in May.
- Optional feature that must be configured at purchase. SFF 4000 will launch in Dec. 2025.
- Optional feature that must be configured at purchase. RTX 6000 will launch in June 2025
- Undergoes MIL-STD testing. MIL-STD 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. Accidental damage requires an optional HP Accidental Damage Protection Care Service.
- All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- Contact your sales specialist or channel partner to discuss options and pricing

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