

HP Z Workstations in Education

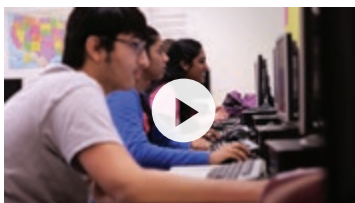


HP Z Workstations are built for professional applications, designed for easy setup and servicing, and sold at prices that make sense for educational budgets.

HP recommends Windows.

“What goes on here within the school walls is absolutely incredible. The use of HP Workstations allow us to provide a real authentic experience for the students.”

— Larry Plank, Director K-12 STEM Education
Hillsborough County Public Schools, Florida



Hillsborough County Public Schools



Give your students a professional experience with HP Z Workstations

To deliver a top-notch educational experience, your school needs professional-class workstations. To meet your budgetary requirements, you need systems that are affordable to buy and operate. You'll find all of this in the HP portfolio of desktop and mobile workstations. HP Z Workstations give you the performance you need to run professional software applications—along with the assurance that comes with vendor certification for many popular applications—at a price that's right for an educational budget. Better still, HP Z Workstations are designed to be more reliable with a longer lifecycle than PCs. They are built for the demands of a professional world—and educational setting.

When only the best will do

HP Z Workstations are built for the unyielding demands of today's professional and technical workplaces, which make them the ideal platforms for students preparing for these workplaces. They are engineered to help your students work faster, work smarter, and gain a competitive edge. With bold designs, world-class engineering, robust management tools, and leading-edge visual collaboration solutions, HP Z Workstations take innovation, performance, and reliability to a new level.

Why HP Z Workstations

When it comes to personal computing systems, workstations are in a class of their own. Despite entry price points that can rival those of desktop PCs, workstations provide features and benefits that go far beyond those of today's business and consumer systems. [Learn more about HP Z Workstation benefits.](#)








**Marquette University College
of Engineering**

“Much of what engineering students do requires high-performance computing. HP Z Workstations deliver the speed and power they need in order to tackle complex applications, such as simulations and computer-aided design (CAD) applications, both for classes and in their research.”

– Dr. Robert H. Bishop, Dean, Marquette University College of Engineering

HP Z Workstations in STEAM

Workstations are a natural fit for Science, Technology, Engineering, Arts, and Math programs, providing students with an opportunity to learn on a platform used by professionals and certified to run professional applications.

Curriculum or department	Use model	Solution partners	Customer stories
Science			
Natural sciences, computational chemistry, geospatial	Illustration, technical calculations	Adobe®, ESRI, PTC	 Roosevelt High School - GIS
Technology			
IT, facilities management, campus planning, transportation office, business office, alumni relations, fundraising	IT, architecture, engineering, bus routing, large spreadsheets, budget reporting	Autodesk, PTC, Bentley, Edulog, Transfinder, Versatrans, Microsoft, SAS, SPSS	 Hillsborough County Public School - STEM
Engineering			
Engineering, architecture, construction	CAD, 3D rendering, analysis	Autodesk, Dassault Systèmes SOLIDWORKS and CATIA, PTC, Siemens, ANSYS, NASTRAN, Fluent, CEI	 Marquette University
Arts			
Performing arts, visual/fine arts, journalism, newspaper, yearbook, print shop, public relations	Video editing, audio/music creation, computer animation, photo and multi-media, computer animation, desktop publishing, web authoring	Adobe®, Avid, Sony, Autodesk, QuarkXPress	 Vancouver Film School
Mathematics			
Physics, math	Technical calculations	PTC, MATLAB	 Middlebury College

Meet the HP Z Workstation Family for Education

The HP Z Workstation family meets the full range of your workstation needs—from performance-driven computing and design work in space-constrained environments to extreme visualization and analysis with complex datasets. There is an HP Z Workstation for every education requirement.



HP Z1

[All-in-One evolution >>](#)

The HP Z1 Workstation is HP's elegant and innovative all-in-one workstation with a brilliant, large-screen display, and will simplify your lab or classroom, save space, and eliminate wires.



HP Z230

[Affordable performance and flexibility, re-defined >>](#)

Available in an expandable minitower or a compact small form factor, the HP Z230 Workstation delivers workstation performance and reliability at starting prices that rival desktop PCs.



HP Z440

[Expand your power >>](#)

The HP Z440 Workstation provides high levels of performance and expandability in an accessible tool-free minitower form factor—all at a great price.



HP Z640

[Flexible, powerful, ready to work >>](#)

Concentrate on your work, not your workstation, as you experience powerful performance, whisper-quiet computing, and tool-less access in a conveniently compact design.



HP Z840

[More power to you >>](#)

Primed to perform, the HP Z840 allows you to achieve the performance you need with the ability to support two next generation Intel® Xeon® processors for up to 36 total processor cores in one system.⁴



HP ZBook Mobile Workstations

[Mobility for education >>](#)

Capture your inspiration wherever you go and create anywhere using HP's thinnest and lightest ZBook Workstation Ultrabook™⁵ now in a 14" or brand new 15.6" diagonal screen size.

HP Z Workstation innovation highlights

HP award-winning Z Workstations are rich with customer-driven innovations. Servicing is easy with a tool-less access chassis and modular, direct-connect drives and power supplies on select models.



[HP Z Displays: stunning at every angle >>](#)

HP Z Displays are engineered to outperform, so you can create with striking visual results. With stunning IPS panels, 178-degree viewing and up to 10x the contrast ratio of mainstream Twisted Nematic displays,¹ HP Z Displays are designed to deliver outstanding image performance and accuracy. Realize the advantages of ultra-fast response times and smooth color transitions—so the work you see can be as great as the work you do.



[HP Performance Advisor: the built-in workstation guru >>](#)

HP Performance Advisor² delivers a simple, effective way to keep your HP Z Workstation operating at its peak potential. Like having an IT pro always on hand, this useful software can help you optimize software performance, monitor resource usage, and properly configure your technology ecosystem.



[Remote Graphics Software: remote access with a "just like local" feel >>](#)

HP Remote Graphics Software² gives you high-performance remote desktop access to your software applications—when and where you need them, on-site or from a remote location, through a standard internet connection. This HP innovation allows you to collaborate with colleagues across geographies, in real-time.



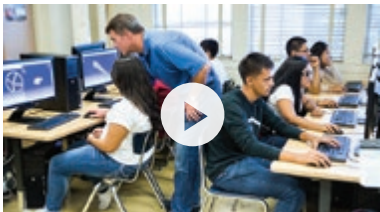
[HP Designjet ePrinters: the power in your hands >>](#)

HP Designjet ePrinters³ help streamline individual or multi-user software workflows by delivering high-quality applications quickly and reliably. Plus, mobile connectivity capabilities and innovative usability features enable users to accelerate collaboration as they take advantage of a new, easy-to-use printing experience.



“When you have partnerships like HP and Dassault that truly believe in the potential of our students. Wow! We don’t feel left out, we don’t feel invisible. We feel invincible.”

— Enrique Legaspi, teacher, Roosevelt High School



Roosevelt High School and HP Z Workstations

A family of overachievers

The next generation of HP Z Workstations

As industry veterans, HP developed and applied whole-system engineering to design a system in which the processor, memory, graphics, operating system, and applications work together seamlessly. HP Z Workstations undergo comprehensive testing to ensure that hardware and software are optimized for professional configurations and 24/7 use. HP Z Workstations are built to last.

HP Stable and Consistent Offerings

Choosing hardware and software for a workstation is often a no-brainer—you know what you need before you even start looking at platforms. What if you could pick and choose your components based not only on your individual requirements, but also on the assurance that they would be available for the lifecycle of your HP Z Workstation? Now, with HP Stable and Consistent Offerings, you can.

Rigorous ISV Certifications

HP invests in resources, equipment, relationships, testing and ISV (Independent Software Vendor) certification to ensure HP Z Workstations work as expected with your applications. This level of HP effort means your investment in software and HP hardware is protected, with a commitment to the quality and support of the full solution. [Learn more.](#) >>

Complete peace of mind

All HP Z 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.⁶

Learn more at

hp.com/go/educationworkstation and hp.com/zworkstations

Screen images courtesy of Autodesk, Sage Cheshire Aerospace, PTC, Larson & Darby Group, and Factory Five Racing.

1. As compared to mainstream displays with TN (Twisted Nematic) panels when viewed at 60 degrees.
2. Internet access required.
3. Requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see hp.com/go/eprintcenter). Requires optional broadband module. Broadband use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary.
4. 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. 64-bit computing on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers, and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations.
5. Not all configurations will qualify as Ultrabooks™.
6. 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.

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