

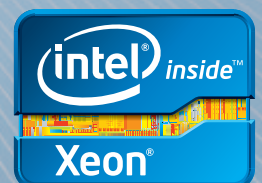
HP recommends Windows® 7 Professional.

power your imagination

Discover the latest generation of professional HP workstations – including the innovative HP Z1 Workstation, powered by the Intel® Xeon® processor E3-1200 series.



HP Workstations Solutions Brochure 2012



HP recommends Windows® 7 Professional.

Ready to unleash your inspiration?

With the range to meet any working style, the performance to tackle the most difficult tasks and the support that ensures unprecedented reliability, HP workstations are the ideal tools for bringing your imagination to life. Discover the tools to support your imagination inside.

Innovation, performance and reliability

From ultimate scalability to innovative technologies, HP workstations are rich with customer-driven features.

p. 4–5

All-in-one, all inside

Discover the sensational new all-in-one HP Z1 Workstation – power without the tower.

p. 6–7

Power workstations

Get ultimate performance for your mission-critical applications with HP's most powerful workstations.

p. 8–9

Affordable workstations

Experience workstation-class power – and outstanding scalability – at an affordable price.

p. 10–11

Mobile solutions

Enjoy the best of both worlds – complete mobility and full desktop functionality back in the office too.

p. 12–13

Performance monitors

Get the very most out of your HP workstation with a high-contrast, high-resolution HP monitor.

p. 14–15

ISV certifications and specialists

Learn about technical support for your most common applications and partnerships that support your business.

p. 16–17

HP Services and Specifications

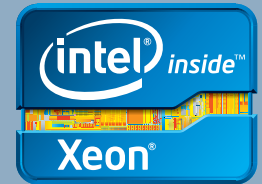
Discover HP service and support packages and get a quick guide to key tech specs and features for our whole range.

p. 17–18

Discover HP workstation innovation and more at
hp.com/eu/workstations



a new generation of innovation



Creation is part imagination and part execution. Whether you're building 3D models, creating complex animations or designing the world's next architectural wonder, you need a powerful tool to turn your imagination into reality. For users like you, the typical tool is not enough. For users like you, performance is everything. And it's for users just like you that HP has created the latest generation of professional-grade workstations – such as the HP Z820, powered by the Intel® Xeon® processor E5-2600 series. Inspiration is calling; do you have the tools to answer?

Performance as demanding as you are

Supercharge your performance and take your creative experience to a new level with the latest generation of HP workstations.

Packing the awesome power of the newest Intel® Xeon® processors – with options to upgrade to even faster engines – and the dedicated graphics processing capabilities of NVIDIA® and AMD high-performance graphics cards, you'll be able to blaze through visualisations, renders and other data-intensive tasks.

HP workstations are ISV certified to better support the applications you rely on every day. Whether it's Adobe® Photoshop® or Premiere® Pro, Autodesk® Maya® or AutoCAD®, SolidWorks® from Dassault Systèmes or any other data-intensive application, HP has designed these powerful computing tools to provide you with maximum productivity and reliability.

A solution for any need

At HP, we understand that no two workstation users are exactly alike; that's why we've created a wide range of workstations to fit every creative need. Each is easily customisable to meet your exact requirements, creating literally thousands of possible configurations.

From the innovative, space-saving HP Z1 all-in-one workstation, powered by the Intel® Xeon® processor E3-1200 series, to light and travel-ready mobile workstations, to our most powerful tower models – there is a solution to fit the way you work.



innovation comes standard

Innovation, performance and reliability are in the DNA of every HP workstation. From ground-breaking engineering to performance-optimising technologies, HP workstations are rich with customer-driven tools, features and benefits.

Brilliant design, inside and out

From the striking design of the HP Z1 and sleek industrial styling of the tower models, to the ruggedised HP DuraCase magnesium alloy chassis of the HP EliteBook series, every HP workstation combines stunning aesthetics with everyday practicality.

But they don't just look great from the outside – they're beautifully engineered on the inside too. Flip open any HP Z Workstation and you'll find a clean modular design that not only maximises airflow – keeping processors and graphic cards running at optimum performance – but also enables snap-in and snap-out upgrades without the need for tools.

Easy scalability

Tool-free customisation makes it easy to install more memory, storage and I/O options including PCI Express slots, hard drives, SSDs, optical drives, RAID configurations and flexible storage bays.

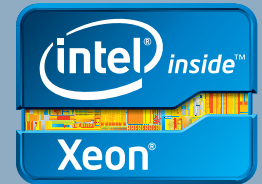


UNIQUE HP TECHNOLOGIES

- **HP Performance Advisor**
Monitors and optimises system performance so your workstation and applications operate to their full potential.
- **HP Remote Graphics Software**
Access your desktop and applications remotely and collaborate in real time with colleagues anywhere in the world.
- **HP DreamColor Technology**
Groundbreaking colour accuracy, consistency and predictability with over one billion colours and industry standard colour spaces.
- **HP Liquid Cooling**
Delivers near-silent operation and enables extremely efficient heat removal from processors.



HP recommends Windows® 7 Professional.



Ultimate processing power

High-performance multi-core Intel® Xeon® processors are tested and validated by Intel and HP for your workstation-class applications to provide breakthrough performance in processing and visualising large complex data. This means you can innovate faster, and get from idea to end product more easily than ever before.

Supercharged professional graphics

Blaze through complex renders and other image-intensive projects with professional, ISV-certified 2D and extreme 3D workstation graphics, including NVIDIA Quadro® and AMD FirePro™.

Designed-in reliability

Whole system engineering means that everything – processor, memory, graphics, operating system, software – is designed to work together intelligently.

Our workstations, and the components that go into them, are put through extreme stress tests involving temperature, shock, dust and more. And they're designed, optimised, tested and certified for the same applications you work with every day (you'll find much more about this on pages 16–17).



ENERGY EFFICIENCY

- We offer the largest selection of ENERGY STAR®-qualified electronic products in the industry.¹
- EPEAT is a comprehensive environmental rating that helps identify greener computers and other electronic equipment. As the first to achieve EPEAT Gold certification, HP workstations exceed industry requirements.



¹ Per the EPA ENERGY Star database, as of May 2011.

HP recommends Windows® 7 Professional.

all-in-one all inside

Every now and then, something new comes along and changes everything. The innovative, tower-free HP Z1 Workstation, powered by the Intel® Xeon® processor E3-1200 series, is just such a phenomenon.



HP Z1 Workstation

Power without the tower

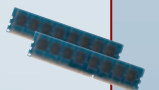
Packing power, professional-grade graphics and unprecedented scalability inside its slim, space-saving and ultra-stylish form, this is a workstation unlike any other. This is the world's first all-in-one workstation with a 68.6 cm (27") display.¹

Whether you're looking for upgraded performance for blazing fast renders, want to see your work come to life in a billion colours or need simple, tool-free customisation, the HP Z1 Workstation can take your work to a new dimension.^{2,3}

THE PERFECT UPGRADES FOR YOUR HP Z1 WORKSTATION

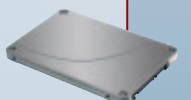
- **Memory**

Enhance the power of your workstation with 4 GB more DDR3 hardware memory (A2748AA)



- **Storage**

Experience quicker, faster access to your data with a 160 GB solid-state drive (LZ704AA)

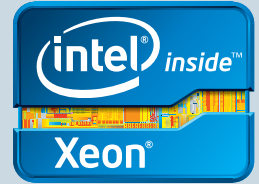


- **Care Pack Service**

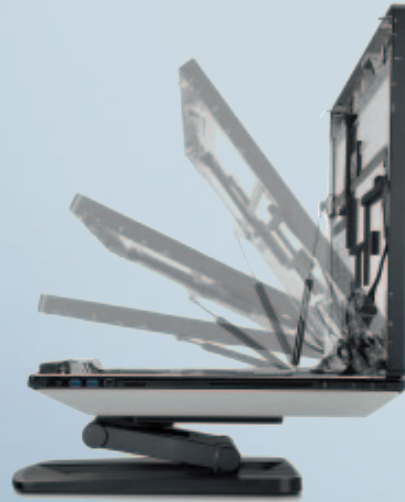
Receive faster response for hardware repair with 5-year next business day onsite HP Care Pack service (U7944E)

Brilliant display, stunning colours

See your ideas burst into life in incredible detail and amazing colour on the beautiful 68.6 cm (27") LED-backlit display.¹ Professional graphics support gives you the freedom to focus on the job in hand, and one-click optimisation lets you tune the HP Z1 to fit your needs.



- 68.6 cm (27") LED-backlit display¹
- Genuine Windows® 7 Professional
- Support for over a billion colours²
- Professional NVIDIA Quadro graphics
- 178 degree viewing angle, IPS panel



Are you ready to upgrade from a standard PC? Are you looking to step up a gear and boost your productivity? Experience the difference – experience the accelerated performance of the HP Z1 Workstation.

| SUGGESTED FOR | |
|-------------------------|-------------|
| Product Development | ● ● ● ○ ○ |
| Education | ● ● ● ● ● |
| Creative Designers | ● ● ● ● ● |
| Media and Entertainment | ● ● ● ○ ○ |
| Power Office | ● ● ● ● ● ○ |
| Architecture | ● ● ● ● ● |

Performance for limitless creativity

With the power to blaze through renders, 3D animations and other data-hungry imaging tasks, the HP Z1 gives you workstation-class visualisation performance coupled with rock-solid stability – ideal for architects, engineers, DME professionals and more.

- Powerful Intel® Xeon® processor E3-1200 series
- Genuine Windows 7 Professional
- Hassle-free performance with ISV certification, ECC memory
- Built-in HD webcam and SRS Premium Sound⁴
- Whisper-quiet acoustics

Unprecedented upgradeability

The space-saving all-in-one design of the HP Z1 is as practical as it is desirable – snap open the display for easy upgrades or customisation, all without tools.³ And with a huge choice of storage types, you can tailor the HP Z1 to your precise needs.

- Easy scalability means low TCO
- Easy access for customisation without tools
- De-clutter with a sleek, space-saving design



¹ Refers to diagonal measurement of display.

² 1.07 billion viewable colours through A-FRC technology.

³ All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

⁴ High-definition content is required to view high-definition images.

power workstations

Put ultimate computing power within your reach with the highest performance HP workstations available. Ideal for heavy workloads, graphics-rich applications and image rendering, these power workstations will help you tackle your most challenging projects with ease.

GET EVEN MORE FROM YOUR HP Z820 WORKSTATION

- **Memory**

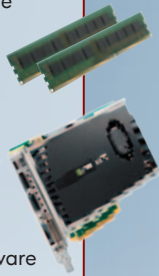
Boost your performance with more memory – HP 16 GB DDR3-1600 ECC Reg RAM (A2Z52AA)

- **Graphics**

Get supercharged visualisation with NVIDIA Quadro 4000 2 GB Graphics (WS095AA/ET)

- **Care Pack Service**

Receive faster response for hardware repair with 5-year next business day onsite HP Care Pack service (U7944E)



HP Z820 Workstation

Ultimate performance, ultimate scalability

For the most demanding workstations users, nothing compares to the performance of the HP Z820. Built for high-end computing and visualisation, this dual-processor workstation delivers outstanding performance, award-winning industrial design and tool-free serviceability in the industry's most expandable chassis.

- Powered by the Intel® Xeon® processor E5-2600 series
- Genuine Windows 7 Professional
- Up to 8-channel 1600 MHz DDR3 memory subsystem
- USB 3.0 with integrated front and rear access
- Easy upgrades, servicing and expandability with tool-less chassis

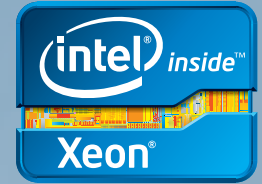


This is the workstation for tasks requiring maximum computing, graphics, memory, storage and I/O, such as simulation, product development, entertainment, financial services and medical imaging.

SUGGESTED FOR

| | |
|-------------------------|-----------------|
| Product Development | ● ● ● ● ● ● ● ● |
| Education | ● ● ● ● ○ ○ |
| Creative Designers | ● ● ● ● ● ● ● ● |
| Media and Entertainment | ● ● ● ● ● ● ● ● |
| Power Office | ● ● ● ○ ○ ○ ○ ○ |
| Architecture | ● ● ● ● ○ ○ |

HP recommends Windows® 7 Professional.



HP Z620 Workstation

Maximum versatility in a compact design

Discover performance without compromise with the sleek and powerful HP Z620. Up to 16 processor cores enable massive computing power from a compact footprint, while professional graphics deliver the reliability you need to achieve maximum productivity – all at near-silent operation.

- Powered by the Intel® Xeon® processor E5-2600 series
- Genuine Windows 7 Professional
- Sixteen-core compute and visualisation power
- Space-saving design – maximum power from compact footprint
- Easy upgrades, servicing and expandability with tool-less chassis

MAKE THE MOST OF YOUR HP Z620 WORKSTATION

- **Graphics**
Boost visualisation with AMD FirePro V7900 2 GB Graphics (LS993AA/AT)
- **Control**
Work in 3D more intuitively with the HP SpaceExplorer USB 3D Input Device (RY429AA)
- **Care Pack Service**
Enjoy peace of mind with 5-year next business day onsite HP Care Pack service (U7944E)



HP ZR2740w

This powerful and ultra-versatile workstation is the ideal solution for high-computing and visualisation environments where space is at a premium, including financial services, engineering and construction.

| SUGGESTED FOR | |
|-------------------------|-------------|
| Product Development | ● ● ● ● ● ● |
| Education | ● ● ● ● ● ● |
| Creative Designers | ● ● ● ● ● ● |
| Media and Entertainment | ● ● ● ● ● ● |
| Power Office | ● ● ● ● ● ● |
| Architecture | ● ● ● ● ● ● |

affordable workstations

Boost your creativity and productivity with these powerful, cost-effective and easily upgradeable HP solutions. Premium graphics and powerful processing ensure your ideas come to life, every day.

HP Z420 Workstation

Productivity-boosting performance

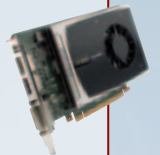
HP's most popular workstation gives you professional expandability in an accessible tool-free mini-tower form factor – all at a great price. With up to eight processor cores, increased memory capacity and professional graphics, you have the power you need to get the job done.

- Powered by the Intel® Xeon® processor E5-1600 series
- Genuine Windows 7 Professional
- High-performance, single-processor mini-tower workstation
- Whisper-quiet operation with optional near-silent HP Liquid Cooling
- Support for up to eight displays for maximum viewing area

TAKE YOUR HP Z420 WORKSTATION TO NEW LEVELS

• Graphics

Boost your creativity with NVIDIA Quadro 2000 1 GB Graphics (WS094AA/ET)



• Memory

Enhance your workstation memory with the expansive HP 8 GB DDR3-1600 ECC RAM (A2Z50AA)



• Care Pack Service

Stay productive with 5-year next business day onsite HP Care Pack service (U7944E)

HP ZR2440w

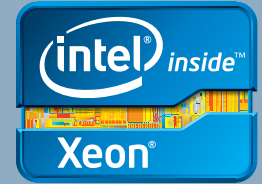


Experience outstanding productivity and exceptional affordability with this high-performance workstation – designed to help you get the best out of your graphic-intensive applications.

SUGGESTED FOR

| | |
|-------------------------|-------------|
| Product Development | ● ● ● ● ● ○ |
| Education | ● ● ● ● ○ ○ |
| Creative Designers | ● ● ● ● ○ ○ |
| Media and Entertainment | ● ● ● ● ○ ○ |
| Power Office | ● ● ● ● ● ○ |
| Architecture | ● ● ● ● ○ ○ |

HP recommends Windows® 7 Professional.



HP Z210 Workstation

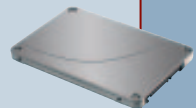
Workstation power at a PC price

Take the step up from a PC to productivity-boosting workstation performance with the affordability you might not expect. The HP Z210 Workstation comes as a convertible minitower (CMT) or small form factor (SFF) system, delivering flexibility and a choice of true enterprise-class features along with the confidence that comes with fully tested and certified applications.

- Powered by the Intel® Xeon® processor E3-1200 series
- Genuine Windows 7 Professional
- Higher productivity at an affordable price
- Small form factor option delivers ultra-compact design for space-limited environments
- 90% efficient power supplies standard and available ENERGY STAR V5 configurations

BOOST THE PERFORMANCE OF YOUR HP Z210 WORKSTATION

- **Control**
Work in 3D more intuitively with the HP SpaceExplorer USB 3D Input Device (RY429AA)
- **Storage**
Access your data faster with the HP 160 GB SATA solid-state drive (LZ704AA)
- **Care Pack Service**
Receive faster response for hardware repair with 5-year next business day onsite HP Care Pack service (U7944E)



HP ZR30w



Available at a starting price to rival desktop PCs, this is our most affordable workstation, yet one that delivers impressive performance and scalability.

SUGGESTED FOR

| | |
|-------------------------|-------------|
| Product Development | ● ● ● ● ○ ○ |
| Education | ● ● ● ● ● ● |
| Creative Designers | ● ● ● ○ ○ ○ |
| Media and Entertainment | ● ● ● ○ ○ ○ |
| Power Office | ● ● ● ● ● ● |
| Architecture | ● ● ● ● ● ○ |

mobile solutions

Creativity has no boundaries with these light, powerful and mobile workstations that make the world your studio.

HP EliteBook 8760w Mobile Workstation

Creativity without boundaries

HP's most powerful mobile workstation combines high-performing professional graphics and a brilliant display to deliver everything you need to manage the most demanding tasks, no matter where your inspiration takes you.

Even when you're back in the office, this powerful mobile workstation supports your work with an optional docking station, access for up to four displays and peripheral support.

- Powered by 2nd gen Intel® Core™ i5 and i7 processors
- Genuine Windows 7 Professional
- Awesome 43.9 cm (17.3") display in your choice of HD+, FHD or HP DreamColor resolutions¹
- NVIDIA Quadro or AMD FirePro professional workstation graphics
- Up to 3 HDD and RAID 5 support

GET MORE OUT OF YOUR HP ELITEBOOK 8760W MOBILE WORKSTATION

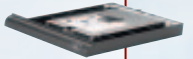
• Connectivity

Easily connect to all your desktop accessories and charge battery in a snap with the HP 230W Advanced Docking Station (NZ223AA)



• Storage

Boost your storage capabilities with an HP Upgrade Bay 750 GB 7200 rpm Hard Drive (H2P66AA)



• Power and batteries

Add the battery life that keeps your notebook working as long as you do with the HP Extended Life Notebook Battery (QK639AA) or HP Ultra Extended Life Notebook Battery (QK640AA)



• Care Pack Service

Keep your HDD and critical data if it becomes damaged with HP Care Pack 5-year next business day onsite with Defective Media Retention (UE337E)

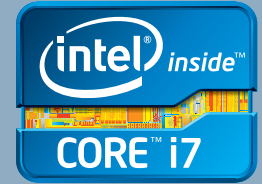


Packing genuine workstation-class performance inside its super-sleek, brushed aluminium casing, this is the ultimate mobile powerhouse designed to meet the needs of the most demanding users.

SUGGESTED FOR

| | |
|-------------------------|-----------------|
| Product Development | ● ● ● ● ● ● ● ● |
| Education | ● ● ● ● ○ ○ |
| Creative Designers | ● ● ● ● ● ● ● ● |
| Media and Entertainment | ● ● ● ● ● ● ● ● |
| Power Office | ● ● ● ● ○ ○ |
| Architecture | ● ● ● ● ○ |

HP recommends Windows® 7 Professional.



HP EliteBook 8560w Mobile Workstation

Versatility for the way you work

Light, mobile and powerful – this is the perfect workstation solutions for inspired professionals on the go.

With its rugged and attractive gunmetal styling, high-end professional graphics and beautiful display, this versatile mobile workstation is a portable powerhouse designed to handle the rigours of mobile life.

Take your work wherever you go, then connect to your office network when you return to base for the best of both worlds.

- Powered by 2nd gen Intel® Core™ i5 and i7 processors
- Genuine Windows 7 Professional
- Brilliant 39.6 cm (15.6") display in your choice of HD+, FHD or HP DreamColor resolutions¹
- Drive up to five displays with AMD Eyefinity Technology
- Safeguard your assets with HP ProtectTools



The HP EliteBook 8560w Mobile Workstation combines mobility with outstanding processing power and graphics performance for a seamless experience whether you're on the road or in the office.

SUGGESTED FOR

| | |
|-------------------------|-----------------|
| Product Development | ● ● ● ● ● ● ● ● |
| Education | ● ● ● ● ○ ○ |
| Creative Designers | ● ● ● ● ● ● ● ● |
| Media and Entertainment | ● ● ● ● ● ● ● ● |
| Power Office | ● ● ● ● ○ ○ |
| Architecture | ● ● ● ● ● ○ |



PERFORMANCE TO MATCH YOUR NEEDS

• Connectivity

Boost productivity by quickly connecting to monitors, power supplies and printers with the HP 230W Docking Station (VB043AA)



• Power and batteries

Work longer away from your office with the HP Extended Life Notebook Battery (QK639AA) or HP Ultra Extended Life Notebook Battery (QK640AA)



• Care Pack Service

Keep your HDD and critical data if it becomes damaged with HP Care Pack 5-year next business day onsite with Defective Media Retention (UE337E)

performance. monitors

Now that you have the power to bring your imagination to life, see it in brilliant, high-resolution clarity with our extensive range of high-performance monitors. Crisp, clear images, vivid colours and wide viewing angles enable you to see your inspiration in picture-perfect reality.

All HP performance monitors are designed to work flawlessly with your HP workstation – including the HP Z620, powered by the Intel® Xeon® processor E5-2600 series.

HP DREAMCOLOR ADVANCED PROFILING SOLUTION

Custom calibrate your colour settings for precision accuracy – includes DreamColor colorimeter and calibration software. Fully compatible with HP EliteBook Mobile Workstations with HP DreamColor displays.

Born out of an alliance between HP and DreamWorks Animation, HP DreamColor delivers groundbreaking colour consistency across displays, professional-grade photo printers and digital presses.



HP DreamColor LP2480zx 61 cm (24")¹

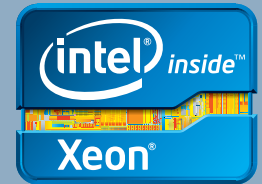
Ultimate colour performance

This is the world's first colour-critical LCD monitor to make use of the DreamColor engine. With a true 30-bit panel and RGB LED backlight, this stunning monitor delivers support for over a billion colours.²

- Super-IPS LCD
- Multiple colour spaces
- Component video, Composite, DisplayPort, S-video, HDMI 1.3, 2x DVI-I
- Comfort 8-way adjustable foot



Discover the full range
of HP monitors at
hp.com/eu/monitors



76.2 cm (30")¹

HP ZR30w

Big impact, big performance

HP's largest monitor packs a host of brilliant visual performance technologies into its stylish, aluminium-clad chassis, including 30-bit panel – enabling 1.07 billion colours² – and 2560 x 1600 resolution.

- Super-IPS LCD
- DisplayPort, DVI-D
- Comfort 8-way adjustable foot



68.6 cm (27")¹

HP ZR2740w

Big, bright and beautiful

This brilliant monitor combines ultra-modern styling with outstanding visual performance delivered by up to 1.07 billion on-screen colours,² high brightness and a massive 2560 x 1440 resolution.

- LED backlit IPS
- DisplayPort, Dual-Link DVI
- Comfort 8-way adjustable foot



61 cm (24")¹

HP ZR2440w

Huge performance, slim styling

Fast response times, high brightness and unbelievable image quality make this feature-packed monitor an extremely popular choice. Ultra-thin bezels make it ideal for multiple display set-ups.

- LED backlit IPS
- DisplayPort, DVI-D, HDMI
- Comfort 8-way adjustable foot



54.6 cm (21.5")¹

HP ZR2240w

Affordable, ultra-modern design

With its super-slim styling, 1920 x 1080 full HD³ resolution and ultra-wide 178 degree viewing angles, this high-definition monitor delivers professional IPS performance at an affordable price.

- Super-IPS LCD
- Multiple colour spaces
- Comfort 8-way adjustable foot

¹ Refers to diagonal measurement of display.

² 1.07 billion viewable colours through A-FRC technology.

³ HD content is required to watch HD images.

HP recommends Windows® 7 Professional.

ISV certifications

Reliability to support your work

Workstations provide the window to your application world. Whether you're working in digital media and entertainment or product development 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, every minute of every working day.

And that's why we place such emphasis on the importance of our relationship with the companies who develop these applications – the Independent Software Vendors or ISVs.

The simple fact is that the applications you rely on are tested and certified on HP workstations. But there's far more to it than that.

Performance tuned and tested

HP and ISV developers collaborate from the earliest days of any hardware or software development. We share strategies, our teams work onsite with ISV partners and their teams work onsite with us.

This ensures that our hardware designs enhance the performance of your ISV applications, and that these applications are fine-tuned to deliver the best possible performance on HP workstations.

Certification for every industry

We work hand-in-hand with the leading software application providers across industries, so you know that your HP workstation will work flawlessly with the software and applications you use every day.

Leading HP ISV partners include, but are not limited to, Adobe, ANSYS, Avid, Autodesk, Bentley, Dassault Systèmes, PTC, Siemens PLM Software, ESRI, Halliburton, ERDAS, Paradigm and Schlumberger.

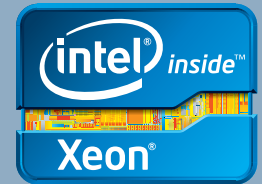
For more information regarding ISV certification, please visit hp.com/eu/workstations

GET THE RIGHT WORKSTATION FOR YOUR APPLICATION

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To find an HP partner near you, visit hp.com/eu/preferredpartner



2012 Preferred



Partner

HP recommends Windows® 7 Professional.

continued services

Your workstation experience doesn't end at the checkout line, so why should our support? HP offers a range of provisions, extended Care Packs and financial services to ensure you not only find the right tool, but the right support as well.

Service provision

Behind every HP workstation there's a whole infrastructure of service and support packages – we call it HP Total Care – designed to ensure that you get maximum value and benefit over the full life of your product.

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Only HP can offer enhanced peace of mind by providing service and support that has received TSIA certification for excellence two years in a row. Excellence in Service Operations benchmarks were developed by 50 leading tech companies, and include nearly 300 best-practice criteria.



HP Warranty

Every HP workstation comes with a standard 3-3-3 warranty (three years parts, three years labour and three years next business day onsite support). Depending on your relationship with HP, you may also benefit from account management and premium call centre support.

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- Accidental Damage Protection for mobile workstations
- Notebook Tracking and Recovery for mobile workstations

For more information, please visit: hp.com/eu/carepacks

specifications

at-a-glance



| | HP Z1 | HP Z210 | HP Z420 | HP Z620 | HP Z820 | 8760w/8560w |
|--|--|--|---|---------------------------------------|---------------------------------------|---|
| Processor | Intel® Xeon® processor E3-1200 series | Intel® Xeon® processor E3-1200 series | Intel® Xeon® processor E5-1600 series | Intel® Xeon® processor E5-2600 series | Intel® Xeon® processor E5-2600 series | Intel® Core™ i7/i5 processors |
| Operating system | Genuine Windows® 7 Ultimate (64-bit) ¹ Genuine Windows® 7 Professional (32-bit) ¹ Genuine Windows® 7 Professional (64-bit) ¹ HP Installer Kit for Linux ² SUSE Linux Enterprise Desktop 11 ² (preinstalled on Z210/Z420 only) | | | | | Genuine Windows® 7 Professional (32-bit) ¹ Genuine Windows® 7 Professional (64-bit) ¹ |
| Chipset | Intel® C206 | Intel® C206 | Intel® C602 | Intel® C602 | Intel® C602 | Mobile Intel® QM67 |
| Memory (max.) | Up to 32 GB DDR3 1600 MHz | Up to 32 GB (16 MB with SFF) DDR3 1600 MHz | Up to 64 GB DDR3 1600 MHz | Up to 96 GB DDR3 1600 MHz | Up to 512 GB DDR3 1600 MHz | Up to 32 GB DDR3 1333 MHz |
| Storage | Up to 2 SATA drives, 2.0 TB max | SFF: up to 2 SATA drives, 2.0 TB max | Up to 4 SATA drives, 11.0 TB max | Up to 4 SATA drives, 11 TB max | Up to 5 SATA drives, 14 TB max | SATA II HDD up to 750 GB 7200 rpm and SSD up to 256 GB |
| Graphics | Entry 3D NVIDIA® Quadro® 500M Mid-range 3D NVIDIA® Quadro® 1000M NVIDIA® Quadro® 3000M High-end 3D NVIDIA® Quadro® 4000M Integrated Intel HD graphics 2000 or P3000 | Professional 2D AMD FirePro™ 2270 NVIDIA® Quadro® NVS 295 NVIDIA® Quadro® NVS 300 Single/dual cards supported Entry 3D AMD FirePro™ V3800 NVIDIA® Quadro® 400 NVIDIA® Quadro® 600 Mid-range 3D (CMT only) AMD FirePro™ V4800 AMD FirePro™ V5800 NVIDIA® Quadro® 2000 NVIDIA® Quadro® 4000 (AMO only) | Professional 2D AMD FirePro™ 2270 NVIDIA® Quadro® NVS 300 NVIDIA® Quadro® NVS 310 NVIDIA® Quadro® NVS 450 (not Z820) Entry 3D AMD FirePro™ V3900 AMD FirePro™ V4900 NVIDIA® Quadro® 400 NVIDIA® Quadro® 600 Mid-range 3D AMD FirePro™ V5900 NVIDIA® Quadro® 2000 High-end 3D AMD FirePro™ V7900 NVIDIA® Quadro® 4000 NVIDIA® Quadro® 5000 NVIDIA® Quadro® 6000 (not Z420) NVIDIA® Tesla C2075 | | | 8560w: AMD FirePro™ M5950 (with AMD Eyefinity) NVIDIA® Quadro® 1000M NVIDIA® Quadro® 2000M 8760w: AMD FirePro™ M5950 (with AMD Eyefinity) NVIDIA® Quadro® 3000M NVIDIA® Quadro® 4000M NVIDIA® Quadro® 5010M |
| Dimensions H x W x D (cm) /weight | 58.4 x 66.0 x 41.9 /21.3 kg | SFF: 33.8 x 10.0 x 38.1; CMT: 44.8 x 17.8 x 45.4 | 44.8 x 17.8 x 44.5 | 44.5 x 17.1 x 46.5 | 44.4 x 20.3 x 52.5 | 8760w: 3.7 x 41.7 x 27.3 /starting at 3.4 kg 8560w: 3.5 x 38.2 x 25.6 /starting at 3 kg |

Below you'll find explanations of the most commonly used technical acronyms and abbreviations.

| | | | |
|------|--------------------------------------|------|---------------------------------------|
| CAD | Computer Aided Design | ISV | Independent Software Vendor |
| CMT | Compact Minitower | LCD | Liquid Crystal Display |
| DDR3 | Double Data Rate type 3 | LED | Light-Emitting Diode |
| DVI | Digital Visual Interface | PCI | Peripheral Component Interconnect |
| ECC | Error-Correcting Code | RAID | Redundant Array of Independent Disks |
| FHD | Full High-Definition | RAM | Random Access Memory |
| HD | High-Definition | SATA | Serial Advanced Technology Attachment |
| HDD | Hard Disk Drive | SFF | Small Form Factor |
| HDMI | High-Definition Multimedia Interface | SSD | Solid State Drive |
| IPS | In-Plane Switching | | |

¹ Systems may require upgraded and/or separately purchased hardware and/or a DVD drive to install the Windows 7 software and take full advantage of Windows 7 functionality. See microsoft.com/windows/windows-7 for details.

² Linux available 2nd calendar quarter 2012.

HP recommends Windows® 7 Professional.

Introducing the workstation. Redefined.

With the HP Z1, the world's first 68.6 cm (27") all-in-one workstation, less is now more.¹ More performance and fast renders with the Intel® Xeon® processor E3-1200 series.² More definition from a 68.6 cm (27") diagonal, billion-color HD monitor.³ More convenience with tool-less access. All of that in a footprint that takes up less workspace.

Get more power without the tower at
hp.com/eu/workstations



¹ This system may require upgraded and/or separately purchased hardware to take full advantage of Windows 7 functionality. Not all features are available in all editions of Windows 7. See <http://www.microsoft.com/windows/windows-7/> for details.

² Intel's numbering is not a measurement of higher performance.

³ 1.07B viewable colors through A-FRC technology. All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

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