

HP recommends Windows Vista® Business.

MONSTROUSLY POWERFUL PERFORMANCE

Meet the new HP workstations.



THE
COMPUTER
IS PERSONAL
AGAIN.



HP recommends Windows Vista® Business.

HP WORKSTATIONS: AS POWERFUL AS YOUR IMAGINATION

When you have larger-than-life ideas, it takes more than pen and paper to help you realise them. In fact, it takes more than even the average desktop PC. Whether it's building bridges, designing animated characters or running complex simulations, big challenges like these require power and performance far beyond the ordinary.

That's why professionals in high-powered industries from art to engineering rely on HP to provide the tools to help them meet their most demanding challenges. Combining innovative design, best-in-class engineering, visual collaboration solutions and the most advanced technology from Intel, HP workstations can help boost creativity, productivity and mobility.

Anything your imagination can dream up, HP workstations can bring to life.





The reality of innovation plus reliability

HP understands innovation – we’ve been doing it for decades, with over 40 years at the cutting edge of workstation computing – so why not put our experience to work for you?

And beyond pure innovation, there are other reasons why we’re a leader in workstation sales. HP solutions offer the reliability that comes from thoughtful, customer-focused design and excellent long-term partnerships with application vendors. We’ve also built relationships with leaders in different industries, so we understand their challenges and have designed our workstations with the features and functionality to meet them. HP also shares a strong partnership with Intel, so you benefit from the speed and performance of the latest Intel technology, like the Intel® Xeon® processor 5500 series. Finally, we know how important it is for you to get the most out of your investment now and in the future, so we’ve ensured that HP workstations have long lifecycles and lots of scalability.

HP offers a complete range of workstation solutions, so there’s a product to meet your needs and exceed your expectations. Are you ready to take your computing, your career or your business to the next level? The journey begins here – let’s get started finding the right workstation for you!



Dream it. Do it. Bring it to life.

The HP-DreamWorks Animation alliance is just one example of how HP technology is powering innovation and creativity. The new Monsters vs. Aliens feature film from DreamWorks heralds the beginning of a new 3D cinematic era, thanks to several hundred HP workstations. These “monstrous” machines, powered by high-speed Intel processors, memory and option drives, helped to increase the performance and creativity of the DreamWorks Animation team, allowing them to create characters that seem to leap off the cinema screen.

But before they did, the characters in Monsters vs. Aliens were leaping around the monitor screens of the designers in the DreamWorks studios. The DreamWorks render farm, featuring HP bl460c blade servers with Intel Xeon processors, is the largest and most powerful ever used in the production of a DreamWorks Animation film. And artists across the globe could work together using HP Remote Graphics software, which allows seamless collaboration on a single-display image across separate locations.

MEET THE



HP EliteBook 8530w Mobile Workstation

Professional capabilities in a compact form

Get the portability of a notebook with the power of a workstation. Enjoy new levels of performance with Intel dual-core processors and NVIDIA® Quadro® or ATI FireGL™ graphics.

- Intel® Core™2 Duo processor
- Genuine Windows Vista® Business
- 15.4" display for desktop-like viewing
- Optional integrated WWAN
- Over 10 hours' battery life (with Ultra-Capacity battery)

Suggested for:

SMB, Enterprise, Designers, Architects, Finance professionals, Education

HP xw4600 Workstation

The affordable, entry-level workstation

Combining the Intel X38 Express chipset and workstation-class, dual- and quad-core processors with HP's engineering and visualisation heritage, the HP xw4600 can boost your productivity in a variety of tasks.

- Intel Core 2 Duo processor or Intel Core 2 Quad processor
- Genuine Windows Vista Business
- 4 DIMM slots, up to 8 GB DDR2-800 MHz ECC memory
- HP Leadership Graphics Program
- Expansion options with up to four internal hard drives

Suggested for:

SMB, Enterprise and OEM businesses with entry-level workstation requirements

HP Z800 Workstation

Ultimate performance with extreme expandability

Combining ultimate performance with a revolutionary new industrial design, the HP Z800 Workstation delivers the extreme speed and massive expandability that you demand to tackle your biggest challenges.

- Intel Xeon processor
- Genuine Windows Vista Business
- Intel X58 Express Chipset
- Up to 192 GB memory capacity
- 45 nm CPU process technology

Suggested for:

Digital Artists, Designers, Engineers, Scientists and OEMs

FAMILY



HP Z600 Workstation

Maximum computing power in minimal space

The HP Z600 packs eight-core compute and visualisation power into a small, quiet package. It's the ideal workstation when every inch, watt and decibel make a difference – but you don't want to compromise on performance.

- Intel Xeon processor
- Genuine Windows Vista Business
- 6 DIMM slots, up to 24 GB DDR3 memory
- One of the smallest dual processor form factors
- Support for up to 8 displays with 2D and 4 displays with 3D graphics

Suggested for:

Financial Traders, Engineers, Architects, Designers, Analysts and OEMs

HP Z400 Workstation

Enhanced workstation performance in an affordable package

With its revolutionary new architecture and bold new industrial design, the HP Z400 Workstation helps you accomplish more with every minute of your time and every cent of your investment.

- Intel Xeon processor
- Genuine Windows Vista Business
- 4 DIMM slots, up to 16 GB of DDR3 memory
- Dual graphics support based on PCI Express Gen2 x16 interfaces
- Support for multi-display with 2D through 3D graphics

Suggested for:

SMB, Enterprise and OEM businesses with entry-level workstation requirements

HP EliteBook 8730w Mobile Workstation

Power for extreme mobile performance

This compact powerhouse helps you tackle the most demanding applications and keeps you mobile. Get the broadest colour support and richest visual quality, plus the latest Intel technology.

- Intel Core 2 Extreme mobile processor, Intel Core 2 Quad mobile processor
- Genuine Windows Vista Business
- Choice of NVIDIA Quadro or ATI FireGL graphics
- 17" HP DreamColor LED display
- 32 mm thin and starts at just 3.4 kg

Suggested for:

SMB, Enterprise, Digital Artists, Designers, Engineers, Finance professionals, Oil & Gas research

HP recommends Windows Vista® Business.

SUPERPOWERED BY DESIGN.



Did you know ...?

When you're ready to purchase your HP workstation, you can trust HP Workstation Specialists for the expertise to help you choose the hardware that best meets your needs.

Please visit:

hp.com/eur/preferredpartners
to find the partner nearest you.



HP LP3065

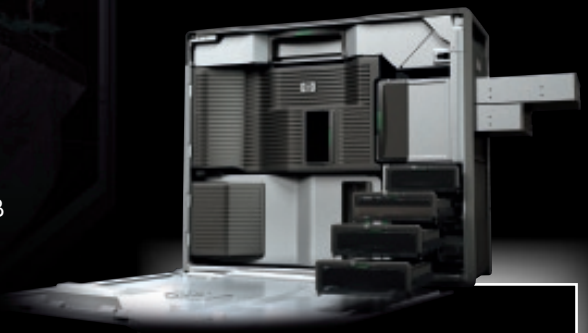
Screen image courtesy of Landmark

HP Z800 Workstation

For the most demanding challenges, you need the extreme speed, massive expandability and ultimate performance of the HP Z800 Workstation, powered by the Intel Xeon processor 5500 series and the Dual Intel 5520 chipset. You'll enjoy nearly endless expansion possibilities, with a variety of PCI Express Gen2 slots in x16, x8 and x4 configurations, and up to 192 GB of memory with large-scale storage capacity.

The Z800 Workstation features bold styling with the performance to match. It runs quietly and efficiently, with visually cable-less engineering to maximise air flow, and a streamlined internal design. For high-definition video conferencing and 3D graphics, the state-of-the-art HP Remote Graphics Software allows remote users to connect to HP workstations from anywhere in the world to review, collaborate and manipulate 3D designs.

Care Pack: 3 years 4-hour 13x5 response onsite and Defective Media Retention (UK772E)



An inside look

All HP workstations feature a new streamlined internal design. Plus, the processor, memory, graphics, operating systems and software components are specifically engineered to work together – so you can create, visualise and simulate data faster than ever.



HP Z600 Workstation

The HP Z600 Workstation packs eight-core compute and visualisation power into a small, quiet package. Financial traders, designers, engineers and other professionals who work in constrained spaces will appreciate the small form factor and whisper-quiet but powerful performance.

Brushed aluminium, integrated handles and visually cable-less engineering are just a few of the new design features that provide lowered acoustics, serviceability and energy efficiency. The cutting-edge processor, memory and graphics technologies allow you to run more tasks, processes and applications simultaneously. And dual graphics support based on PCI Express Gen2 x16 interfaces provides the ability to drive up to **eight displays**.

The energy-efficient design provides quiet performance and rapid serviceability. And don't let its small size deceive you: the Z600 workstation is surprisingly expandable, for more I/O, bigger drives and up to 24 GB of DDR3 memory.

Care Pack: 3 years 4-hour 13x5 response onsite and Defective Media Retention (UK772E)

HP LP1965



HP Wireless Keyboard and Mouse

The HP wireless keyboard and mouse reduces workspace clutter. Regain valuable space and get full multimedia controls, programmable one-touch hot keys for quick launching, and smooth cursor movement with the optical sensor mouse.

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AFFORDABLE POWER AND PERFORMANCE.

HP LP2275w



Image courtesy of SolidWorks

HP Z400 Workstation

Enhanced performance doesn't have to come at an enhanced price: the HP Z400 affordably delivers the power and functionality you need. Supporting the newest Intel Xeon processor 3500 series, the next-generation system architecture enables faster, more efficient performance.

Bring your big ideas to life with high-quality graphics from NVIDIA and ATI, and tackle your big challenges with the speed and performance of Intel QuickPath Technology. View the results of all your hard work on up to four 3D or six 2D displays.

HP's reputation for product engineering, quality assurance and rigorous testing ensures your applications, work teams and business will stay online and productive. HP Performance Tuning Framework eases configuration and updates, while HP Total Care options make your workstation easier to own and use.

Care Pack: 3 years 4-hour 13x5 response onsite and Defective Media Retention (UK772E)



Did you know ...?

You can see, share and show your work across the world with the new HP SkyRoom collaboration solution, which combines real-time 3D graphics sharing and high-definition video conferencing. HP SkyRoom will be fully available soon.



HP LP2475w

Image courtesy of Cakewalk (a division of Twelve Tone Systems, Inc.)



HP SpacePilot USB 3D

Make working in 3D easier and more efficient with an HP SpacePilot Intelligent Controller. It combines refined sensing technology, extendable speed keys and ergonomic design to give you 3D control and boost workflow efficiency.

HP xw4600 Workstation

Combining proven performance technologies into a powerful, flexible and reliable single processor socket workstation, the HP xw4600 Workstation is engineered to give you and your business a professional edge.

With outstanding price/performance, the HP xw4600 Workstation lets you accomplish more in less time. Power through your workload with the Intel X38 Express performance chipset and the Intel Core 2 Duo and Intel Core 2 Quad processors. An 80 PLUS efficient power supply and ENERGY STAR® qualified options help realise savings in power consumption and costs. And new dual PCIe X16 Gen2 graphics interfaces deliver up to twice the performance bandwidth potential of previous interfaces.

The convertible mini-tower design offers future expandability options; add memory, peripherals and storage as your requirements change. And keep it all up and running easily thanks to the tool-free chassis design.

Care Pack: 3 years 4-hour 13x5 response onsite and Defective Media Retention (UK772E)

HP recommends Windows Vista® Business.

MOBILE POWER

Outstanding performance wherever you go: HP EliteBook mobile workstations were designed for mobile professionals who need powerful processors, docking solutions and high-end graphics.

HP EliteBook 8530w (15.4" widescreen display, 2.9 kg)

The HP EliteBook 8530w, featuring Intel Core 2 Duo processor and NVIDIA Quadro or ATI FireGL graphics, blends sleek, professional style with business-rugged durability that stands up to the true rigours of mobility. The highly portable, 15.4-inch diagonal widescreen display ensures your ideas take centre stage. Inside, the 8530w provides exceptional workstation calibre graphics, ISV-certified performance and the latest wireless technologies.

Care Pack: 3-year Travel Next Business Day Onsite, HW Support (U4419E)



Image courtesy of Autodesk

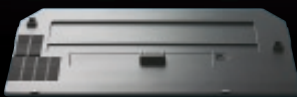


Did you know ...?

HP mobile workstations come with a full suite of HP Protect Tools – built-in, customisable security solutions that defend your network, applications, and data.

Visit hp.com/go/innovations for more information.

Image courtesy of CraneDigital, LLC.



HP battery options

Are you often stuck in long meetings without your power cord? Let the show go on with the HP Extended-Life Battery or the HP Ultra-Capacity Battery.

HP EliteBook 8730w (17" widescreen display, 3.4 kg)

Wish you could do more – and display more – both at and away from your desk? You can, with the HP EliteBook 8730w with Intel Core 2 Quad processor. It combines next-generation performance technologies, a 17-inch diagonal display with optional color-critical HP DreamColour panel, and Professional Innovations like the HP DuraCase to offer unprecedented mobile power, reliability and performance. And it's only 32 mm thin and starts at just 3.4 kg, so you'll stay on the move with ease.

Care Pack: 3-year Travel Next Business Day Onsite, HW Support (U4419E)

BLADE POWER

For security plus flexibility, HP blade workstations combine the centralised control and security of the data centre with a graphics-intensive, workstation-class experience and the flexibility to support remote professionals.



Did you know ...?

HP blade workstations come with HP Systems Insight Manager, which provides a single management interface for monitoring the health of your entire infrastructure.

The power of four

For the ultimate viewing experience, HP blade workstations support up to four monitors – a great option for financial services organisations that need to view market data across multiple displays. Choose from our range of HP workstation monitors (see page 14–15 for the full lineup).

HP LP1965



HP ProLiant xw460c Blade Workstation



HP ProLiant xw2x220c Blade Workstation

HP ProLiant xw460c Blade Workstation

Combine the centralised security and control of a data centre with seamless workstation performance and the flexibility to support professionals in multiple locations. You'll get an Intel Xeon processor, multi-display hardware-accelerated graphics performance for 2D, 3D and streaming video applications, and up to 4-display support with dual NVIDIA Quadro FX 770M.

HP ProLiant xw2x220c Blade Workstation

Pack more power into less space, with a half-height, double-density, HP BladeSystem c-Class workstation blade. The small form factor client supports up to four displays and multiple blade connections while dramatically reducing the heat, noise and power consumption associated with multi-workstation desktop configurations.

For more information, please visit: hp.eu/clientvirtualisation



HP recommends Windows Vista® Business.

POWERFUL SUPPORT

We're committed to helping you get more results and value from the life of your technology. That's why we offer a wide range of HP services: just choose the level and type of support that best meets your needs.

HP Total Care – a complete package of services and support. Get more value from your technology and better results for your business with HP Total Care. The Total Care portfolio of services, software, solutions and support from HP and our partners helps you manage, protect and grow your business.

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

HP Care Pack Services – the support you need to stay up and running. In case of accidents or unforeseen problems, make sure you're covered! Choose the support package and service level that best fit your budget and your needs, such as extended coverage or travel protection.

With HP Care Pack Services, you get:

- Fast, responsive support for timely problem resolution
- Convenient up-front payment and preset pricing
- Consistent expert repair services backed by HP
- Increased protection for your investment and your sensitive data

For more information, please visit: hp.com/hps/carepack

HP Delivery and Logistic Services – convenience comes as standard. Get your products delivered directly by HP. Choose from basic delivery to your door or desk, or value-added services such as consolidated shipment of different products, special requests, delivery outside business hours and more.

For more information, please contact your local HP representative.

HP Financial Services – the affordable way to invest in IT. Need technology now? Use HP Financial Services to easily rent, lease or finance the equipment you need and ensure a low total cost of ownership.

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

2009
Preferred Partner



Get the most from your important investment

You rely on your workstation to power multiple complex applications, and you need to be certain that a given workstation will be able to deliver the performance and stability you need to run your vital applications. To help you choose the right solution, an HP Workstations Specialist has the expertise you need to ensure the investment you make is a good one.

Plus, when you buy your solution from an HP Preferred Partner, you can trust that they'll deliver advice, technology and services designed with you in mind, so you can focus on what matters most.

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

WORK SMARTER THAN EVER



HP Professional Innovations is a suite of hardware features and software solutions engineered into HP workstations. Designed to enhance your overall computing experience, they'll help you to mitigate risks and stay more productive even when you move about, while working to minimise your impact on the environment.

With HP Professional Innovations, now you can ...

... cut energy costs without sacrificing performance

All HP workstations have 80 PLUS efficient ENERGY STAR 5.0 qualified configurations to help reduce energy costs and greenhouse gas emissions. The HP Z800 Workstation is accredited with 80-Plus Silver (89% efficient). A breakthrough HP-developed energy-saving feature, **HP WattSaver technology**, helps further lower energy consumption in off mode, providing additional savings across your organisation.

... enjoy maximum ease of service and use

Optimise your performance with the **HP Performance Tuning Framework**. This powerful interface helps ease configuration and updates. The bold new workstation designs are easy to upgrade and service, featuring a **tool-free chassis** and a highly streamlined, uncluttered interior, so all major components are upgradeable or replaceable without the need for tools. Plus, modular **cable-free connections** and power supplies allow you to add or change components quickly.

... ensure you're secure and protected

Protect your assets inside and out with HP's broad range of embedded security features, including **HP's Trusted Computing** implementation, **HP ProtectTools Embedded Security**, and an array of hardware security devices.

... get reliable, long-lasting, quiet performance

Rugged, minimalist new designs both inside and out ease configuration, updates and troubleshooting for easier serviceability. The brushed aluminium enclosure is more resilient too, and the solid state drive ensures faster boot times. HP workstations come complete with **Liquid Cooling**, an HP innovation which allows for the highest levels of workstation performance, without the corresponding increase in thermal heat and acoustic noise.



For comprehensive information on HP's wide range of Professional Innovations, please visit: hp.eu/workstations/innovation

Trust the industry's most stringent environmental guidelines, and rest assured that HP workstations are certified to meet them: The Electronic Product Environmental Assessment Tool (**EPEAT**) is a clear and consistent set of criteria for the design of products, in order to reduce their environmental impact. Products are evaluated according to three tiers of environmental performance. As the first to achieve **EPEAT Gold certification**, HP workstations exceed industry requirements.

HP recommends Windows Vista® Business.

EXPAND YOUR VIEWS

HP flat panel LCD workstation monitors let you enjoy crisp, clear images with incredible clarity and colour. From the trading floor to the design studio, there's a monitor to meet your needs. Choose from our wide range of slim, space-saving LCD flat panel designs in an array of sizes, all displays to help you get the most from your workstation powered with Intel Xeon processors.



HP LP1965
19" – 5/4

Flexible ultra-wide viewing

Get dazzling views of your work with this premier monitor in a sleek and flexible design that gives you all the comfort you crave.



HP LP2275w
22" – 16/10

Ideal for multiple display users

This widescreen LCD monitor offers outstanding performance and connectivity features for users who appreciate expansive widescreen presentation of their graphics, video and data projects.



HP LP2065
20" – 4/3

Outstanding visual clarity

Get superior performance with up to 1600 x 1200 resolution plus dual DVI-I and a USB hub for connection to a range of peripherals.

- 1.8 M pixel
- IPS panel

Suggested for Financial Trading

- Ultra-wide viewing angle (178 degrees): mandatory for multiple display users
- Narrow bezel (12 mm) for minimal visual distraction
- Low power ENERGY STAR rating
- VESA mount capable

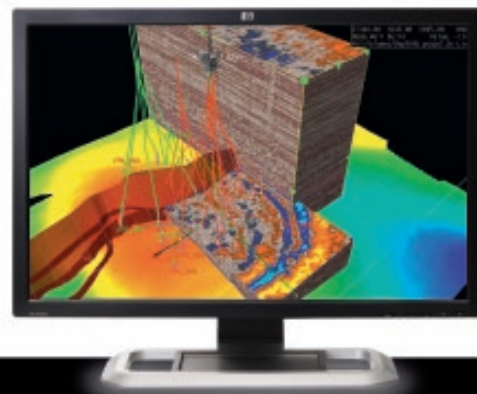
Suggested for Digital Artists, Designers and Engineers

- Fast response times
- Ultra-wide viewing angle (178 degrees)
- IPS best visual homogeneity off axis
- 4-axis ergonomics



Did you know ...?

With HP DreamColor LP2480zx display technology, colours will remain as you want them from the start of your project to the very end? Designed in collaboration with DreamWorks, the technology provides 30-bit colour depth with support for 1 billion active colours.



HP LP2475w
24" – 16/10

Fast response time, brilliant colour

This widescreen LCD monitor offers the broadest selection of input connectivity options available from HP combined with state-of-the-art LCD panel technologies.

HP DreamColor LP2480zx
24" – 16/10

Vision-to-production precision

This is the world's only colour-critical LCD based on HP DreamColor Engine technology. This uniquely affordable monitor delivers broad colour support, rich visual quality, and consistent results.

- 2.3 M pixel
- IPS 10 bits panel

HP LP3065
30" – 16/10

The ultimate display technology

Enjoy best-in-class performance and presentation features on a huge wide-aspect screen. Get fast response times without compromising on comfortable viewing. This display is perfect for high-end photo editing and CAD work.

- 4.1 M pixel
- IPS panel

neers

Suggested for Digital Artists, Designers, Engineers, users who perform high-end CAD

- A panel with the least shift with angle
- The blackest black: 0.05 nit/s for LP2480zx
- Contrast ratio of 1000:1
- Excellent MPRT
- Best dark region details
- 4-axis ergonomics

Suggested for Oil & Gas

- Ultra-wide viewing angle (178°): mandatory for quad 30"
- 102% NTSC Wide gamut to enhance data interpretation
- Fast response time of 6–8 ms
- 3-axis ergonomics

HP recommends Windows Vista® Business.

POWER UP YOUR PERFORMANCE

Expand the capabilities and flexibility of your workstation with a wide range of HP accessories. These tools work inside and outside the workstation to boost performance and enhance your computing experience. They're also designed and tested to deliver quality, reliability and value.

Have more processing power

Blaze through complex data, with new hafnium-infused **45 nm Intel Core microarchitecture** – that's up to eight computational cores of pure performance. The **new Intel Xeon processor 5500 series** transforms complex and visually intensive data into actionable information.

Add more memory

Quality memory is vital for reliability. Extend your memory footprint and peace of mind by adding more **DDR3 hardware memory**. With 1333 MHz, it's ultra-fast, too.



HP Z800 workstations with Intel Xeon processor 5500 series



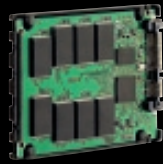
Expand your storage

Whether you're working with a thousand textured map files for an animated film, or creating high-definition 3D CAD designs of an engine, increase your storage capacity with an additional hard drive.

Want faster boot-up times, quicker and quieter access to your data and increased energy efficiency? A **solid-state drive (SSD)** from HP is a data storage device that uses solid-state memory to store persistent data.



HP 1TB / 7.2K SATA NCQ
32 MB cache hard drive



HP 64 GB SATA
Enterprise class SLC-
based solid state drive

Get supercharged graphics

Choose from **a range of graphics devices from NVIDIA or ATI**. They deliver fast application performance, the highest quality workstation graphics and are fully certified on all industry-leading professional applications.



NVIDIA Quadro FX3800 1 GB
GDDR3 PCIe Graphics Card



ATI FirePro™ V7750 1 GB
GDDR3 PCIe Graphics Card



HP SkyRoom Standard Hardware Kit

Get plugged into new HP SkyRoom high-definition conferencing with this set containing headphones and a webcam. Get the best visual and audio quality for collaboration that's so close, you'll forget you're not in the same room.



HP USB Smart Card Keyboard and Laser Mouse

Get increased flexibility and security with this innovative full-sized keyboard. It uses Smart Card technology to prevent unauthorised access to your workstation and business networks. Pair it with the HP Laser Mouse for the speed and accuracy of laser tracking in a simple, elegant design.

HP recommends Windows Vista® Business.

POWERFUL PARTNERSHIPS, OUTSTANDING PRODUCTS

HP takes pride in the partnerships we have with major hardware and software vendors. The unique HP-Microsoft® relationship ensures HP workstations and Microsoft operating systems are designed and tested to work better together for optimised results. The Intel® partnership provides HP workstations with the very latest in processing technology and microarchitecture. And all workstation feature professional graphics cards from NVIDIA or AMD's ATI.

Our close relationships with ISVs help ensure that HP workstations are fully certified and optimised for your applications. In fact, many ISVs develop their software on HP workstations – so you can rest assured you're getting the utmost in performance and reliability.

HP also maintains dedicated websites for users of professional applications. These websites help with your workstation selection, providing the latest in customised configurations, as well as certification and other useful information. You also benefit from our free exclusive HP Performance Tuning Framework, for an optimised configuration of your hardware and software.

Because HP workstations are tested, certified and optimised for the industry's leading ISVs, you can be sure that solutions from a wide range of industries – including medical imaging and non-linear video editing – will run properly. HP also works closely with our many customers in a variety of industries, including Engineering, Digital Media, Energy, Architecture and Finance, in order to ensure that our products meet their computing needs.

Additionally, HP works closely with OEMs to provide optimised, cost-effective levels of configuration stability. HP's Workstation OEM team is committed to providing you with the best in technology and minimising your costs in a supplier relationship.

Our ISV partners include:



Autodesk



HALLIBURTON

Landmark Software
& Services



The Intel experience: more power, more speed, more efficiency

Here are a few of the Intel technologies that will help boost workstation performance and help you power through more tasks, faster.

Intel Turbo Boost Technology automatically maximises workstation application performance by turning off unused resources and increasing processor frequencies, enabling faster execution and mega-tasking workloads.

Intel QuickPath Architecture offers scalable shared memory architecture with high-speed, point-to-point connections and larger memory, so it can concurrently create, simulate and render.

Intel Hyper-Threading Technology supports up to 16 threads on a two-socket workstation, enabling better multitasking for complex simulation and rendering applications.

Intel Smart Cache increases application performance by reducing data latency.

SPECIFICATIONS AT A GLANCE



	xw4600	Z400	Z600	Z800	8530w	8730w
Operating system	Genuine Windows Vista® Business (32-bit), Genuine Windows Vista Business (64-bit), Genuine Windows Vista Business (32-bit) downgrade to Windows® XP Professional (32-bit) custom install, Genuine Windows Vista Business (64-bit) downgrade to Windows XP Professional (64-bit) custom install	Genuine Windows Vista® Business (32-bit), Genuine Windows Vista Business (64-bit), Genuine Windows Vista Business (32-bit) downgrade to Windows® XP Professional (32-bit) custom install, Genuine Windows Vista Business (64-bit) downgrade to Windows XP Professional (64-bit) custom install, HP Installer Kit for Linux Novell SLED 11 Linux	Genuine Windows Vista® Business (32-bit), Genuine Windows Vista Business (64-bit), Genuine Windows Vista Business (32-bit) downgrade to Windows® XP Professional (32-bit) custom install, Genuine Windows Vista Business (64-bit) downgrade to Windows XP Professional (64-bit) custom install, HP Installer Kit for Linux		Genuine Windows Vista® Business (32-bit), Genuine Windows Vista Business (64-bit)	Genuine Windows Vista® Business (32-bit), Genuine Windows Vista Business (64-bit)
Processor & chipset	Intel® Core™2 Quad processors, Intel Core 2 Duo processors, Intel Pentium® processors, Intel X38 Express	Intel® Xeon® processors, Intel X58 Express	Intel® Xeon® processors, Intel 5520	Intel® Xeon® processors, Intel 5520 (Dual)	Intel® Core™2 Duo mobile processor, Intel PM45	Intel® Core™2 Duo mobile processor, Intel Core 2 Quad mobile processor, Intel PM45
Memory (max.)	Up to 8 GB DDR2-800 MHz ECC SDRAM	Up to 16 GB DDR3-1333 MHz ECC SDRAM	Up to 24 GB DDR3-1333 MHz ECC SDRAM	Up to 96 GB DDR3-1333 MHz ECC SDRAM, up to 192 GB DDR3-1066 MHz ECC (Mid 2009)	DDR2 (800 MHz) dual channel-capable up to 8 GB	
Hard drives	160 to 1000 GB SATA 3 GB/s NCQ 7200 rpm, up to 4 drives	Up to 4 drives 250 to 1500 GB SATA 3 GB/s NCQ 7200 rpm or 160 GB SFF SATA 3 GB/s NCQ 10000 rpm or 146 or 300 GB SAS 3 GB/s NCQ 15000 rpm	Up to 3 drives 250 to 1500 GB SATA 3 GB/s NCQ 7200 rpm or up to 4 drives 160 GB SFF SATA 3 GB/s NCQ 10000 rpm or up to 3 drives 146 or 300 GB SAS 3 GB/s NCQ 15000 rpm	Up to 5 drives 250 to 1500 GB SATA 3 GB/s NCQ 7200 rpm or up to 6 drives 160 GB SFF SATA 3 GB/s NCQ 10000 rpm or up to 5 drives 146 or 300 GB SAS 3 GB/s NCQ 15000 rpm	SATA 9.5 mm Hard Drive: Up to 250 GB 5400 rpm, up to 500 GB 7200 rpm, Intel® 80 GB SSD	
Graphics	Professional 2D: NVIDIA® Quadro® NVS 295 (up to two cards), NVIDIA Quadro NVS 450; Entry 3D: ATI FirePro™ V3700 (up to two cards), NVIDIA Quadro FX 380 (up to two cards), NVIDIA Quadro FX 580 (up to two cards); Mid-range 3D: ATI FireGL™ V5700 (up to two cards), NVIDIA Quadro FX 1800 (up to two cards) All cards are optional and all are PCI Express	Professional 2D: NVIDIA® Quadro® NVS 295 (up to two cards), NVIDIA Quadro NVS 450; Entry 3D: NVIDIA Quadro FX 380 (up to two cards), ATI FirePro™ V3700 (up to two cards), NVIDIA Quadro FX 580 (up to two cards); Mid-range 3D: NVIDIA Quadro FX 1800 (up to two cards), ATI FirePro™ V5700 (up to two cards); High-end 3D: NVIDIA Quadro FX 3800, NVIDIA Quadro FX 4800, NVIDIA Quadro CX All cards are optional and all are PCI Express	Professional 2D: NVIDIA® Quadro® NVS 295 (up to two cards), NVIDIA Quadro NVS 450 (up to two cards); Entry 3D: NVIDIA Quadro FX 380 (up to two cards), ATI FirePro™ V3700 (up to two cards), NVIDIA Quadro FX 580 (up to two cards); Mid-range 3D: NVIDIA Quadro FX 1800 (up to two cards), ATI FirePro™ V5700 (up to two cards); High-end 3D: NVIDIA Quadro FX 3800, NVIDIA Quadro FX 4800, NVIDIA Quadro CX All cards are optional and all are PCI Express	Up to two cards: Professional 2D: NVIDIA® Quadro® NVS 295, NVIDIA Quadro NVS 450; Entry 3D: NVIDIA Quadro FX 380, ATI FirePro™ V3700, NVIDIA Quadro FX 580; Mid-range 3D: NVIDIA Quadro FX 1800, ATI FirePro™ V5700; High-end 3D: NVIDIA Quadro FX 3800, NVIDIA Quadro FX 4800, NVIDIA Quadro FX 5800, NVIDIA Quadro CX All cards are optional and all are PCI Express	ATI Mobility FireGL™ V5700 graphics (256 MB GDDR III vram), NVIDIA® Quadro® FX 770M graphics (512 MB GDDR III vram)	ATI Mobility FireGL™ V5725 graphics (256 MB GDDR III vram), NVIDIA® Quadro® FX 2700M graphics (512 MB GDDR III vram), NVIDIA Quadro FX 3700M graphics (1 GB GDDR III vram)
Warranty*	Protected by HP Services, including a 3 years parts, 3 years labour and 3 years onsite service (3/3/3) standard warranty. Terms and conditions vary by country. Certain restrictions and exclusions apply.				3 years carry-in; pick-up and return in some countries (upgrades available, sold separately); 1 year warranty on primary battery	
Dimensions (H x W x D) /weight	45.0 x 16.8 x 45.6 cm	45.0 x 16.8 x 45.5 cm	44.5 x 16.5 x 43.9 cm	44.5 x 20.3 x 52.6 cm	28.2 x 355 x 263.5 mm Starting at 2.86 kg	32 x 393 x 282 mm Starting at 3.4 kg

* Warranty may vary per country/region

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