SHOULD YOU CHOOSE AN HP xw4600 WORKSTATION OR AN HP Z400 WORKSTATION?

IF YOUR INDUSTRY IS...	YOU GENERALLY NEED...	THEN YOU SHOULD CONSIDER xw4600 ....Z400	BECAUSE...
CAD—HIGH-END: (UGS NX, Pro/ENGINEER, and CATIA). These applications often require large memory capacity, high-end and extreme 3D graphics, and elaborate RAID solutions	• 3D graphics • Performance • Large memory • RAID	Z400	The Z400 provides • A range of professional 3D graphics • Intel® Xeon®[1] quad-core[2] capability • Larger (16 GB[3])* memory
CAD—MID-MARKET: (AutoCAD, Revit, SolidWorks, Inventor, Solid Edge). In general, the entry workstation will be a great fit for those users that require mid-market CAD solutions but are price sensitive.	• Performance • Low price • 2D/3D graphics	(both)	Both systems provide • Good price/performance • A range of professional 2D/3D graphics
CAD—ENTRY: (MicroStation, AutoCAD LT, Solid Edge) Architectural Desktop, Mechanical Desktop, Educators, Students and Others. This is a "sweet spot" for entry-level workstations in the CAD space. It combines price sensitivity with the performance needed to run 2D and 3D entry level CAD.	• Low price • 2D/3D graphics • Performance	xw4600	The xw4600 provides • Excellent entry-level price • A range of professional graphics • Intel® Core™ 2[1,4] quad-core[2] capability
DCC—3D ANIMATION: (Autodesk Maya, 3ds Max, Softimage). These customers often require high-end or extreme 3D graphics cards, multiple processor cores, and very large memory capacities—although in some cases the entry-level systems fit well.	• 3D graphics • Performance • Large memory • High storage capacity	Z400	The Z400 provides • A broader range of professional 3D graphics • Intel Xeon[1] quad-core[2] capability • Larger (16 GB[3])* memory • Up to 6 TB[5] of storage**
DCC—DIGITAL VIDEO/NLE: (Adobe CS4 Production Premium, Premiere Pro, Avid Media Composer or Sony Vegas Pro software). These applications will work well on entry workstations. In addition, mainstream real-time digital video cards such as the Matrox RT.X10 will fit with an entry workstation.	• Performance • 2D/3D graphics • High storage capacity	(both)	Both systems provide • Good price/performance • A range of professional 2D/3D graphics • Z400 provides more PCI slots for video cards • Z400 provides up to 6 TB[5] of storage**
DCC—2D/ANIMATION/IMAGING: (Adobe CS4 Design Premium, Photoshop, Illustrator, Flash, Director, or Authorware). An entry workstation is an excellent fit for all of these applications for users that are doing advanced image manipulation and 2D animation, as the features are well suited and the price is very affordable.	• Low price • 2D graphics • Performance	xw4600	The xw4600 provides • HP's lowest price • A range of professional graphics • Intel Core 2[1,4] quad-core[2] capability
FINANCIAL SERVICES: The finance market needs includes a low-cost system, typically used in front office environments where power users, bankers and financial planners are using many applications and require multiple displays. For more performance-sensitive users the Z400 is recommended.	• Multiple monitors • Low price • Performance	xw4600	Both systems provide • Support for 6 monitors • Good price/performance • Quad-core[2] capability
SOFTWARE DEVELOPMENT: High-end software development involves the manipulation of many files. Data accuracy and integrity for this type of work needs to be extremely high, and for this reason software developers need ECC memory.	• ECC memory • Low price • Performance	(both)	The xw4600 provides • ECC memory • HP's lowest price • Intel Core 2[1,4] quad-core[2] capability
PUBLIC SECTOR: The Public Sector market includes such entities as government organizations (including the military), educational institutions, and some healthcare and other not-for-profit organizations. Like the Power Office segment, the most important characteristic is low cost.	• Low price • Stable lifecycle • Expansion • Reliability & security	xw4600	Both systems provide • Excellent price/performance • Stable lifecycle • Easy expandability
POWER OFFICE: Day-to-day users that perform complicated and data-intensive office functions. This includes graphics, video and web design, complex linked worksheet calculations, database storage/access and spreadsheet manipulations.	• Low price • Performance • 2D/3D graphics	xw4600	The xw4600 provides • Lowest price • Good price/performance • Intel Core 2[1,4] quad-core[2] capability

*Expected availability May '09.   **Expected availability Q3 '09.

WHAT SHOULD I DO IF I HAVE A PC OR AN EARLIER ENTRY-LEVEL WORKSTATION?

IF YOU CURRENTLY HAVE...	AND YOU NEED...	CONSIDER...	BECAUSE...
(NOTHING) OR A BUSINESS PC	**SYSTEM RELIABILITY** Features such as error checking and correcting (ECC) memory, larger power supplies, and a sophisticated cooling mechanisms ensure greater expandability while maintaining high reliability. Both the xw4600 and Z400 support highly reliable, high performance 10K and 15K RPM disk drives. **SUPERIOR RETURN ON INVESTMENT** Workstations provide an IT organization with a better return on investment through a longer life cycle, including greater built-in expansion, a larger number of I/O slots, processor upgradeability, and larger power supplies.	HP xw4600 WORKSTATION	• **Low price** • **Performance** • **2D/3D graphics** • **ISV certification**
HP xw4300/ xw4400 WORKSTATIONS INTRODUCED ON 5/2005 AND 8/2006	**HIGH PERFORMANCE** Both the HP xw4600 and the HP Z400 Workstations offer dual- and quad-core processors[1] for high aggregate performance. Large physical memory, a broad product offering, and a wide range of configuration options allows personal workstation users to select the price and performance that best fits the needs of specific applications. **ROBUST AND RELIABLE APPLICATIONS** Reliability and stability of applications is a requirement for workstation applications. A primary method of ensuring application performance and stability is to have software vendors certify their applications on specific workstation configurations.	HP xw4600 WORKSTATION -OR-	• **Low price** • **Performance** • **2D/3D graphics** • **ECC memory**
		HP Z400 WORKSTATION	• **2D/3D graphics** • **Performance** • **Large memory** • **Multiple monitors**
HP xw4550 WORKSTATION INTRODUCED ON 9/1/2007	**PROFESSIONAL GRAPHICS** Workstations are designed to support the most powerful graphics cards. For example, these cards have larger memory and support higher performance graphics processors. **PROFESSIONAL SERVICE AND SUPPORT** All users of desktop systems need consistent, timely, and competent support. Oftentimes, support goes beyond simply fixing equipment that is broken—a professional desktop environment needs services such as lifecycle management, deployment services, and consulting services.	HP xw4600 OR HP Z400 WORKSTATION	• **Dual 3D graphics** • **Performance** • **Large ECC memory** • **Multiple monitors** • **RAID** • **Greater expandability**

Where to find additional information:

More on workstations:

www.hp.com/go/workstations

How to buy a workstation:

www.hp.com/sbso/buspurchase_info.html

**Certain Windows Vista product features require advanced or additional hardware. See www.microsoft.com/windowsvista/getready/hardwarereqs.mspx and www.microsoft.com/windowsvista/getready/capable.mspx for details. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit www.windowsvista.com/upgradeadvisor.

1. 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. See www.intel.com/info/em64t for more information.
2. Dual- and quad-core technologies are designed to improve performance of multithreaded software products and hardware-aware multitasking operating systems and may require appropriate operating system software for full benefits. Not all customers or software applications will necessarily benefit from use of these technologies.

3. Maximum memory capacities assume 64-bit operating systems. Microsoft® Windows® XP (32-bit) supports 4 GB (with Microsoft 32-bit, the amount of usable memory will be dependent upon your system configuration. It may be less than 4 GB); 32-bit Linux can support up to 8 GB.
4. This workstation does not support the Intel Core 2 Extreme processor over-clocking feature.
5. For hard drives, 1 GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 8 GB of hard drive (or system disk) is reserved for the system recovery software (XPand XP Pro). Up to 12 GB of system disk is reserved for system recovery software. (Vista).