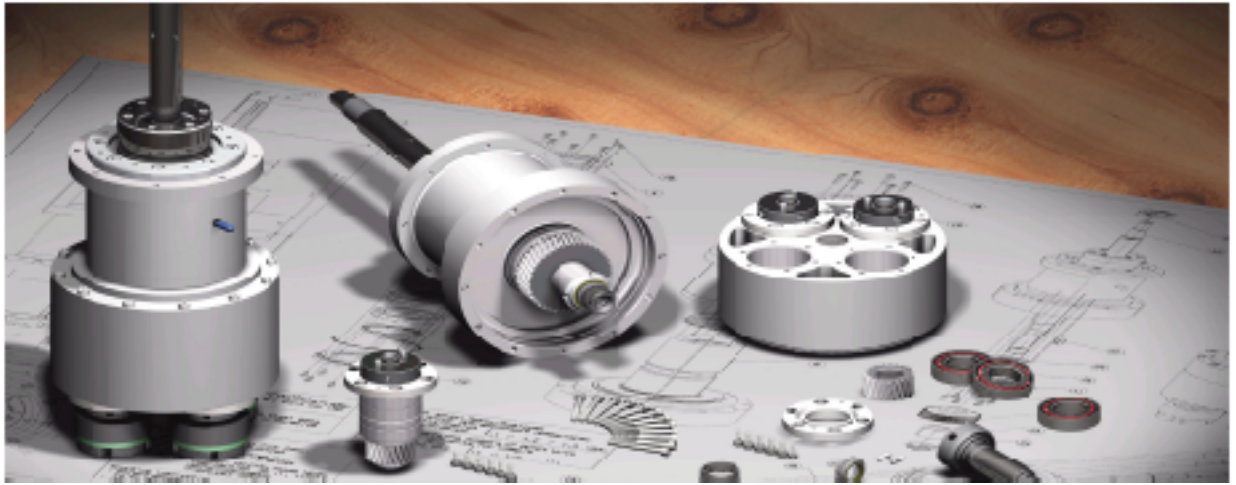


# HP Performance Tuning Framework for UGS PLM Solutions NX



The HP Performance Tuning Framework enables IT professionals and individual users to more easily configure Intel® Pentium® 4/ Xeon™-based HP workstations for stability and best performance.

Today's workstations are composed of an infinite number of combinations of hardware and software components, operating systems, and applications. The enormous number of configuration possibilities can make system setup a difficult task. To reduce the complexities, systems were typically set up the same way regardless of individual user requirements.

The HP Performance Tuning Framework guides system setup, allowing a "custom" configuration that best matches the workstation to the user's requirements. Thus, you have the latest graphics drivers that allow you to push past some application memory restraints. These benefits can help save both time and money and increase overall productivity. HP makes it easy.

#### Features:

- **Intuitive and simple user interface**—The Framework employs a Windows®-based interface. Three simple controls—a Help button, an Exit button, and a collection of tabbed pages—contain the user-interface controls that perform the configuration operations of the Framework.
- **Graphics driver selection**—The HP Performance Tuning Framework organizes graphics driver certification information, helping you or the administrator make an informed decision about which driver to load.

- **Large memory enablement**—The Framework enables the application to consume 3 GB of application memory with Windows XP. The Framework checks the Windows XP installation for the proper/necessary components and then makes the necessary edits to the system's boot entries, registry, and application components to enable large application memory usage.
- **Hypertune technology**—Hypertune plug-in modules conduct a series of iterative performance measurements changing application settings between each iteration. The results are optimal settings that produce the best application performance and solution stability.
- **Dynamic update**—The Framework has the ability to automatically update itself. Occasionally, before the main window is displayed, an updated version of either the Framework's database or the Framework program itself is dynamically downloaded and installed on the workstation. Minimal interaction is required to complete these updates.
- **Available at no charge**—The HP Performance Tuning Framework ships with all Intel Pentium 4/Xeon-based HP workstations. It can also be downloaded at no charge from: [www.hp.com/go/framework](http://www.hp.com/go/framework)

## A simple, easy-to-use utility to customize your workstation performance



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## System requirements

<b>Hardware systems</b>	HP Workstation xw3100; HP Workstation xw4000; HP Workstation xw4100; HP Workstation xw5000; HP Workstation xw6000; HP Workstation xw8000
<b>Operating system</b>	Microsoft® Windows 2000 Professional; Microsoft Windows XP Professional
<b>Memory</b>	Specified by operating system and target application per workstation
<b>Graphics</b>	ATI Fire GL 8700; ATI Fire GL 8800; ATI Fire GL X1; ATI Fire GL Z1; ATI Fire GL T2; NVIDIA Quadro2 MXR; NVIDIA Quadro2 EX; NVIDIA Quadro2 Pro; NVIDIA Quadro4 NVS; NVIDIA Quadro4 380 XGL; NVIDIA Quadro4 550 XGL; NVIDIA Quadro4 580 XGL; NVIDIA Quadro4 750 XGL; NVIDIA Quadro4 900 XGL; NVIDIA Quadro4 980 XGL; NVIDIA Quadro FX 2000; NVIDIA Quadro FX 1000; NVIDIA Quadro FX 500; 3DLabs Wildcat III 6110; 3DLabs Wildcat III 6210
<b>Disk space</b>	40 MB consumed by Framework installation
<b>Networking</b>	Standard TCP/IP

## Specifications and features

<b>Certification database</b>	HP maintains an application certification database providing a complete list of HP certified configurations for each application.
<b>3D graphics driver selection and installation</b>	The Framework queries HP's certification database via the network and guides the users in installing the most appropriate graphics driver for their applications.
<b>Dynamic update</b>	Updates Framework application:  The Framework has the ability to query the online database and update itself if a newer version exists.  Updates graphics and configuration database:  Each time the Framework is started, it compares its local database version of the database with the one on the HP Framework server. It automatically updates the local database if there is a newer one available.
<b>Additional capabilities</b>	Large application memory enablement and tuning:  Application memory tuning makes more of the computer's virtual memory available to applications by making less virtual memory available to the operating system and some applications can use this feature to address more than the 2 GB normally allocated to each application process. Autodesk Inventor 7.0 and UGS PLM Solutions Unigraphics 18, NX1, and NX2 applications can support the use of 3 GB of memory with Windows XP. The Framework has the ability to check the Windows XP installation for proper components and then makes the necessary modifications to the system's boot entries to enable large application memory usage.
<b>HP Hypertune Technology</b>	Greatly simplifies the setup, configuration, and performance of HP workstations. Developed to assist users and IT professionals in tuning their combined application and HP workstation platforms for productivity.
<b>Supported applications</b>	UGS PLM Solutions Unigraphics 18, NX1, and NX2  Coming soon: Support for I-deas NX Series
<b>Cost</b>	HP Performance Tuning Framework ships with all Intel Pentium 4/Xeon-based HP workstations, or it can be downloaded at no charge from: <a href="http://www.hp.com/go/framework">www.hp.com/go/framework</a>

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For more information, visit [www.hp.com/go/framework](http://www.hp.com/go/framework).

5982-3591EN, 01/15/2004

