Application software

Application **software** cannot function without the operating system and includes database, word processing and spreadsheet **programs**. **HP** recommends **using** Microsoft® Windows® 7 as your operating system **software**. Windows 7 is installed on most new **HP** desktop and laptop PCs

<http://h71036.www7.hp.com/hho/cache/567339-0-0-225-121.html>

**HP-UX offers four operating environments tailored to specific needs.**

* Base OE (BOE) ...
* Virtualisation Server OE (VSE-OE) ...
* High Availability OE (HA-OE) ...
* Data Centre OE (DC-OE)

<https://www.hpe.com/ca/en/servers/hp-ux.html>

Hewlett-Packard Unix (HP-UX) is an implementation of the Unix operating system that is based on the UNIX System V, developed by Hewlett-Packard and first released in 1984. It was originally developed for HP’s proprietary Integral PC and then made to run on 9000 series business servers. HP-UX was the first Unix-like operating system that offered access control lists as a viable alternative to the standard permissions system of Unix.

Hewlett-Packard Unix was first released in 1984 on the HP Integral PC as version 1 and version 2 in 1986 on the 9000/500 series of servers utilizing HP FOCUS architecture. It had very strong influences from BSD Unix from the beginning up to version 9.x. Version 10 and onward are closer to System V Unix, with the latest version, 11, catering to more modern concepts such as cluster and cloud computing.

The first version, released in 1984, was nothing more than an embedded ROM version released on the HP Integral PC with the kernel running from the ROM, while other commands ran from the disk. The latest version, which is HP-UX 11i, is geared towards cluster computing, infrastructure as a service (IaaS) and overall cloud computing. It offers operating-system-level virtualization such as hardware partitions, individual OS partitions on cell-based servers and HP virtual machines on Integrity servers.

<https://www.techopedia.com/definition/10184/hewlett-packard-unix-hp-ux>

HP-UX 11i v3 scales as follows (on a SuperDome 2 with 32 Intel Itanium 9560 processors):

* 256 [processor cores](https://en.wikipedia.org/wiki/Central_processing_unit)
* 8 [TB](https://en.wikipedia.org/wiki/Terabyte) main [memory](https://en.wikipedia.org/wiki/Random_access_memory)
* 32 TB maximum [file system](https://en.wikipedia.org/wiki/File_system)
* 16 TB maximum [file](https://en.wikipedia.org/wiki/Computer_file) size
* 128 million [ZB](https://en.wikipedia.org/wiki/Zettabytes)—16 million [logical units](https://en.wikipedia.org/wiki/Logical_unit_number) each up to 8 ZB.[[2]](https://en.wikipedia.org/wiki/HP-UX#cite_note-2)

<https://en.wikipedia.org/wiki/HP-UX>

HP doesn't manufacture any of the hardware components in their PC's.

Computers are assembled from different manufacturer's components conforming to HP's specifications

In other words, there is no such thing as a HP hard drive.

HP will use hard drives from several different manufacturers...Toshiba, Western Digital, Seagate, Hitachi...

Your model happens to have a Toshiba drive.

Your notebook having a Toshiba hard drive will not adversely affect it in any way.

<https://h30434.www3.hp.com/t5/Business-Notebooks/Does-hp-use-disk-drives-from-different-laptop-brands-for/td-p/6192959>

Network connectivity

For data recovery, **HP**-**UX** has a built-in **backup** facility called 'fbackup' (with 'frestore' to restore).

<https://community.hpe.com/t5/System-Administration/Full-Backup-on-HP-UX/td-p/2918700#.XfEGdehKi70>

The **HP**-**UX LAN** product allows **HP** computers to **connect** to an IEEE 802.3 or **Ethernet** Local Area **Network**. An **HP**-**UX LAN network** can be further extended via bridges and routers into a Wide Area **Network**.

<https://support.hpe.com/hpsc/doc/public/display?docId=c02037128>

At this point, you can choose between **HP**-**UX** Apache-based Web Server, **HP**-**UX** Webmin-based Admin, or **HP**-**UX** Tomcat-based Servlet Engine or any combination of these components. All products are installable as **standalone**.

<https://h20392.www2.hpe.com/portal/swdepot/displayInstallInfo.do?productNumber=HPUXWSATW506>

The core of HP-UX 11i networking is a versatile implementation of the TCP/IP stack, capable of simultaneous support for both version 4 and version 6 of the IP protocol. Also migrate your vital workloads to latest systems using our proven, low risk and cost-effective migration frameworks tools and methodologies.

<https://docs.google.com/document/d/1_8oAl0jOri5xcFsu8kFa5_S0jAe4nVZ7qIw_RE8Uyk8/edit>

Four dual core 64 bit Intel Itanium 2 **processors**; either 1.6 GHz/24 MB cache, or 1.6 GHz/18 ... Operating System support: **HP UX** 11i version 2 June 2006 Update, **HP UX** ..... 106, a **minimum** of 2 HDD's of the same size and **speed** are required.

<https://h20195.www2.hpe.com/V2/GetPDF.aspx/c04140687.pdf>

**HP-UX** (from "Hewlett Packard Unix") is [Hewlett Packard Enterprise](https://en.wikipedia.org/wiki/Hewlett_Packard_Enterprise)'s [proprietary](https://en.wikipedia.org/wiki/Proprietary_software) implementation of the [Unix](https://en.wikipedia.org/wiki/Unix) [operating system](https://en.wikipedia.org/wiki/Operating_system), based on [UNIX System V](https://en.wikipedia.org/wiki/UNIX_System_V) (initially [System III](https://en.wikipedia.org/wiki/UNIX_System_III)) and first released in 1984. Recent versions support the [HP 9000](https://en.wikipedia.org/wiki/HP_9000) series of computer systems, based on the [PA-RISC](https://en.wikipedia.org/wiki/PA-RISC) [instruction set architecture](https://en.wikipedia.org/wiki/Instruction_set_architecture), and [HP Integrity](https://en.wikipedia.org/wiki/HP_Integrity) systems, based on [Intel](https://en.wikipedia.org/wiki/Intel)'s [Itanium](https://en.wikipedia.org/wiki/Itanium) architecture.

<https://en.wikipedia.org/wiki/HP-UX>

The HP-UX operating system also provides localized command line messages, graphical user interfaces, and some online help volumes in several languages. HP-UX supports: European Japanese Korean Simplified Chinese Traditional Chinese There are two ways these languages are supplied for your HP-UX system: You may order a specific language to be configured on your system at the HP factory. You may choose to load all (or individual) languages from the Common Desktop Environment (CDE) bundle located on the OS media that is shipped with your system. Please note that no CDE product bundles will be installed unless explicitly selected at the time of the install. <https://docstore.mik.ua/manuals/hp-ux/en/5991-5907/ch01.html>

Protect your mission-critical data, systems, and identities from external and internal threats and facilitate regulatory compliance. HP-UX security solutions encompass a comprehensive portfolio of security features, all licensed and fully supported by HPE.

<https://www.hpe.com/ca/en/servers/hp-ux.html>

Enables **multiple** Operating Systems **and applications** to be run on the **same** physical system

<https://h20195.www2.hpe.com/v2/GetPDF.aspx/c04111649.pdf>

**HP**-**UX** delivers built-in integration of virtualization and management software to optimize your IT infrastructure dynamically. **Always**-on—**HP** Integrity and **HP**-**UX** are designed for high availability and to ensure your mission-critical workloads are **always**-on and secure without compromise.

<https://tdhpe.techdata.eu/Global/documents/4AA0-9465ENW.pdf?epslanguage=en>

**HP**-**UX** is built to serve mission-critical applications and IT services on the Internet

<https://www.computerhope.com/jargon/h/hp-ux.htm>