hp-ux 11.0 for hp workstations

data sheet

increase your performance

Hewlett-Packard's HP-UX 11.0 operating system serves as the foundation for technical computing environments while significantly reducing the complexity and deployment time. HP-UX 11.0 is a fully 64-bit version of HP's standards based UNIX® System V operating system. Supporting both 32-bit and 64-bit applications, hp-ux 11.0 delivers a 5 to 30% performance gain over other 32-bit operating systems.

HP-UX 11.0 is HP's premier UNIX operating system release, continuing HP's long history of UNIX innovation and acceptance.

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feature	benefit	advantage
full 64-bit capability	higher performance, increased system capacity parameters, and reduced swapping	EDA application boost of up to 20% MDA application boost of up to 15%
32-bit platform compatibility	deploys transparently in a 32-bit mode on HP workstations that are incapable of supporting 64-bit computing.	enables continued use of many legacy workstations
Performance Optimized Page Sizing (POPS)	improved systemperformance over fixed page sizing	increases performance from 5 to 30%
ease of administration	file system layout, administration toolset, and interface of the OS is unchanged from hp-ux 10.20	seamless transition from hp-ux 10.20 to hp-ux 11.0
forward compatibility	versatile development environment	developed for hp-ux 11.0, hp-ux 11i, or Intel® Itanium™ processor family systems

hp-ux 11.0 technical specifications

operating system
hp-ux 11.0

lhp-ux system bit configuration

32-bit	yes
64-bit	yes

application bit configuration

32-bit	yes
64-bit	yes

pa-risc object code support

pa-risc 1.0	yes
pa-risc 1.1	yes
pa-risc 2.0	yes

supported CPUs

PA-8700	with HWE patch
PA-8600	with ACE9911
PA-8500	with ACE9911
PA-8200	yes
PA-8000	yes
PA-7300LC	yes
PA-7250	yes
PA-7200	yes
PA-7100LC	yes
PA-7150	no
PA-7100	no
PA-7000	no

supported systems

64-bit only	b2600, b2000, b1000
	c3700, c3600, c3000
	j6700, j6000, j5600, j5000, j7000
32-bit or 64-bit	c360, c240, c200, c180, c160
	j2240, j280, j282
32-bit only	b180L, b160L, b132L
	c160L, c110, c100
	j200, j210
	712/60/80/100
	715/64/80/100/100xc
	725/100
	743, 744, 745, 748

memory attributes (32-bit)

minimum system memory required to install	32MB
recommended system memory	at least 128MB
max addressable memory	3.75GB
process data space	1.9GB (expandable to 2.9GB)
shared memory	2.75GB

memory attributes (64-bit)

minimum system memory required to install	32MB
recommended system memory	at least 256MB
max addressable memory	4TB
process data space	4TB
shared memory	8TB

disk requirements

minimum to install	2GB (in aggregate)
recommended minimum	2GB

file system limits

max file size (32-bit)	128GB
max file size (64-bit)	1TB
max file system size	1TB
max number of user ids	(2^{31}) -1
max size of user name	24 characters
max size of system name	8 characters

single step os update

hp-ux 11.0	yes (earlier 11.0 revs.)
hp-ux 10.20	yes
hp-ux 10.10	yes
hp-ux 10.01	yes
pre hp-ux 10.0	no (multi-step update is required)

Disk Volume Occupancy

Shows the amount of file space that is used as a result of a cold install. These numbers are approximations; other install scenarios may produce different results.

/stand	24MB
/	35MB
/usr	400MB
/opt	200MB
/var	400MB
/home	Negligible
/tmp	Negligible

HP-UX 11.0 -- invent the future

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