

OS makers are focusing more on security issues, 64-bit CPUs' capabilities

Vendor	Product	Type	Hardware platform	Key features	Select bundled applications	System requirements	Price
Apple Computer Inc. Cupertino, Calif. 800-692-7753 www.apple.com	Mac OS X v. 10.3 Panther	64-bit Unix/Macintosh desktop	PowerMac G3, G4, G5, iMac, eMac, Powerbook G3, G4, iBook	Improved Finder, advanced windowing, Fast User Switching, Filevault AES 128-bit home directory and encryption, PDF/image preview, Windows compatibility	iChat AV videoconferencing, QuickTime 6, Quartz Extreme, Mail, Safari browser	G3, G4 or G5, 128M RAM, 3G hard-drive space	\$129
	Mac OS X Server v. 10.3 Panther	64-bit Unix/Macintosh server	Xserve, PowerMac G3, G4, G5, iMac, eMac	File sharing, VPN, e-mail and directory services for Mac, Windows, Linux; streaming media, firewall	QuickTime Broadcaster, Streaming Server, Apache, JBoss	G3, G4 or G5 with built-in USB, 128M/256M (minimum/recommended) RAM, 4G hard drive	\$499 for 10 clients
Hewlett-Packard Co. Palo Alto, Calif. 800-727-5472 www.hp.com	HP-UX 11i v1 for PA-RISC	32-bit Unix workstation, server	PA-RISC	Workload manager, failover, Hyperplex clustering	Apache, HP OpenView, Netscape Communicator, Veritas Volume Manager	PA-RISC, 64/256MB workstation, 128M/256M RAM, 4G hard drive	\$750 for one CPU
	HP-UX 11i v2	32/64-bit Unix workstation, server	HP PA-8800, Intel Itanium	Online journaled file system, workload manager, instant capacity on demand (ICOD), Serviceguard	Apache, HP OpenView, Netscape Communicator, Veritas Volume Manager	Itanium 2, 1G RAM, 6G hard drive	\$2,370
Mandrakesoft Moreno Valley, Calif. 909-341-6937 www.mandrakesoft.com	Mandrake Linux Corporate Server 2.1	32/64-bit Linux server	AMD or Intel x86, AMD Opteron	Browser-based administration, LDAP directory server, configuration wizards, firewall, router	Apache Web Server, Postfix Email Server, DHCP Server, MySQL database	Unavailable at press time	\$800
	Mandrake Linux 10.1 Community	32-bit Linux desktop	AMD or Intel x86	Simplified configuration, new development tools, Centrino, WiFi, Bluetooth support, power management	OpenOffice 1.0.2, Mozilla, instant messaging, GIMP, Apache 2, MySQL, PostgreSQL, Evolution	Pentium, 64M/128M RAM, 100M/1G hard drive	\$60
Microsoft Corp. Redmond, Wash. 425-882-8080 www.microsoft.com	Windows 2000 Advanced Server	32-bit Windows server	AMD or Intel x86	Windows Clustering, eight-way SMP, dynamic configuration, rolling upgrades, Active Directory	IIS 5.0, virtual private network (VPN)	133-MHz Pentium, 128/256M RAM, 1G hard drive	\$3,999 for 25 clients
	Windows 2000 Datacenter Server	32-bit Windows server	Intel PIII Xeon	Windows Clustering, 32-way SMP, dynamic configuration, rolling upgrades, Active Directory	IIS 5.0, VPN	8-way PIII Xeon, 128M RAM, 1G hard drive	Sold with hardware
	Windows 2000 Professional	32-bit Windows desktop	AMD or Intel x86	Administration and security tools, improved reliability, Windows File Protection, Active Directory	IIS 5.0, VPN	133-MHz Pentium, 128/256M RAM, 1G hard drive	\$319
	Windows 2000 Server	32-bit Windows server	AMD or Intel x86	Improved reliability, Windows File Protection, Active Directory	IIS 5.0, Active Server Pages, Windows DNA,	133-MHz Pentium, 128/256M RAM, 1G hard drive	\$999 for five clients
	Windows Server 2003 Datacenter Edition	32/64-bit server	AMD or Intel x86, Intel Itanium	Eight-node clustering, network load balancing, Enterprise UDDI, group policies	Windows Media Services	400-MHz x86, 733-MHz Itanium, 512M/1G RAM, 1.5G hard drive for x86, 2G hard drive for Itanium	Sold with hardware
	Windows Server 2003 Standard Edition	32-bit server	AMD or Intel x86	Departmental file/print sharing, centralized management, four-way SMP	IIS 6.0, Windows Media Server 9	133/550-MHz x86, 128M/256M RAM, 1.5G hard drive	\$999 for five clients
	Windows XP 64-Bit Edition Version 2003	32/64-bit workstation	Intel Itanium	64-bit Itanium, large memory, native CD/RW support, x86 emulation	Internet Explorer 6	900-MHz/1-GHz Itanium, 1G RAM	Preinstalled on Itanium PCs
	Windows XP Professional	32-bit desktop	AMD or Intel x86	Redesigned GUI, multiuser login, personalized settings, hardware AutoPlay	Multimedia players, CD recorder, Internet Explorer 6, Internet Connection Firewall	233/300-MHz, 64M/128M RAM, 1.5G hard drive	\$299
Red Hat Inc. Raleigh, N.C. 888-733-4281 www.redhat.com	Red Hat Enterprise Linux AS Standard Edition	32/64-bit Linux server	32-bit AMD or Intel x86, AMD64, Intel EM64T or Itanium 2, IBM Power, zSeries or S/390	Cluster manager, IP load balancing, DISA Common Operating Environment (COE) compliance	Apache, Samba, NFS, FTP, DHCP, DNS	350-MHz Pentium, 64M RAM, 850M hard drive	\$1,499; \$15,000 for IBM main-frame
	Red Hat Desktop	32/64-bit Linux desktop	32-bit AMD or Intel x86, AMD64, Intel EM64T or Itanium 2	Common platform base with Enterprise version, improve manageability, support	OpenOffice 1.1, Citrix ICA client, Ximiam Evolution e-mail, games, GAIM instant messaging, RedHat Network Proxy or Satellite Server	400-MHz Pentium, 128M/192M RAM, 475M/1.7G hard drive	\$2,500 proxy starter pack
Silicon Graphics Inc. Mountain View, Calif. 800-800-7441 www.sgi.com	IRIX 6.5.20	64-bit Unix server, workstation	MIPS	Journaled file system, personal system administration	Netscape Communicator, NFS, SAMBA, multimedia applications	MIPS, 64M RAM (32M for Indy, Indigo systems)	\$600 for workstation, \$1,000 for server
Sun Microsystems Inc. Santa Clara, Calif. 800-555-9786 www.sun.com	Solaris 9 Operating Environment for x86 Platforms	32-bit Solaris server, workstation	AMD or Intel x86	Linux apps (via Java), new administration tools, threading improvements	Apache, Samba, Sun ONE Directory Server, SunScreen FireWall	32-bit x86, 64M RAM, 600M hard drive for workstation, 1G hard drive for server	\$95
	Trusted Solaris 8 Standard Edition	32/64-bit Solaris server, workstation	Sparc, x86	Role-Based Access Control (RBAC), local device protection, multilevel file system, FIPS, EAL4+	Apache, Samba, Sun ONE Directory Server, SunScreen FireWall	Sparc, 128M RAM, 1G hard drive for workstation, 2G hard drive for server	\$995 for workstation, \$29,495 for enterprise server
SUSE Inc. San Francisco 888-875-4689 www.suse.com	SUSE Linux 9.1 Professional	32/64-bit Linux desktop	AMD or Intel x86, AMD64, Intel EM64T or Itanium 2	Personal firewall, wireless LAN support, YaST deployment, Windows partition	OpenOffice 1.1, multimedia applications, GNUCash accounting, Kontact PIM, Samba, Rekal database	AMD or Intel x86 or 64-bit, 128M/256M RAM, 400M/2G hard drive	\$90
	SUSE Linux Enterprise Server 9	32/64-bit Linux server	AMD or Intel x86, AMD64, Intel EM64T or Itanium 2, IBM Power, zSeries or S/390	Advance I/O schedulers, clustering, hot-plug, certificate authority, EAL3+, firewall, YaST deployment	Apache, JBoss, MySQL, PostgreSQL, Samba Tomcat, Novell ZENWorks	256M/512M RAM, 1G/4G hard drive	\$349 for x86, AMD64, Intel EM64T; \$689 for Itanium 2, IBM Power; \$5,999 for IBM zSeries, S/390
The SCO Group Inc. Lindon, Utah 888-465-4689 www.sco.com	Unixware 7.1.4 Business Edition	32-bit Unix server	AMD or Intel x86	Runs both Linux and Unix applications; file/print services for workgroups	Apache, Squid Proxy Server, Netscape Communicator, Sendmail	100-MHz Pentium, 64M/128M RAM, 1G/4G hard drive	\$1,399
	Unixware 7.1.4 Datacenter Edition	32-bit Unix server	AMD or Intel x86	Hot-Plug PCI, CPU, Hot Memory, redundancy, optional clustering	Integrated HTTP server, Web browser, Apache	Pentium, 64M/128M RAM, 1G/4G hard drive	\$9,999