

Compaq and HP gigahertz desktop systems are the top powerhouse clients in lab tests

GCNLAB	Evo W4000	Vectra VL830	E-4650	M41	OptiPlex GX240	Vaio PCV-RX670
Vendor	Compaq Computer Corp. Houston tel. 281-370-0670 www.compaq.com	Hewlett-Packard Co. Boise, Idaho tel. 970-635-1000 www.hp.com	Gateway Inc. Poway, Calif. tel. 800-211-4952 www.gateway.com	IBM Corp. Armonk, N.Y. tel. 914-499-1900 www.ibm.com	Dell Computer Corp. Round Rock, Texas tel. 800-999-3355 www.dell.com	Sony Electronics Inc. Park Ridge, N.J. tel. 800-571-7669 www.sony.com
Megabytes of RAM	512 double-data-rate	512 DDR	512 Rambus	512 synchronous dynamic	512 SD	512 DDR
Video	64M nVidia Quatro NVS 200	64M nVidia GeForce 3	64M nVidia GeForce MX 400	64M ATI Radeon	32M ATI Radeon	32M nVidia TNT2 M64
Pentium 4 speed in GHz	2.4	2.4	2.0	2.2	2.2	1.8
Hard drive in gigabytes	40	40	40	40	40	80
Windows operating system	XP Professional	XP Pro	XP Pro	XP Pro	XP Pro	XP Home
Ports	Four USB	Six USB	Six USB	Four USB	Four USB	Four USB, one 6-pin iLink, one 4-pin iLink
Bus transfer rate in MHz	533	533	400	400	400	400
Alterion benchmark score	6,077	5,955	5,053	4,442	4,431	3,454
Pros	+ Fast	+ Great design	+ Inexpensive	+ Converts from tower to desktop	+ Innovative clamshell case	+ Inexpensive
Cons	- Not fully toolless chassis	- Average 3-D rendering	- Average 3-D rendering	- Poor fan design	- Poor USB port placement	- Poor chassis design
Price as configured	\$2,150	\$1,870	\$1,970	\$2,000	\$2,250	\$1,600
Overall grade						