



HEWLETT  
PACKARD

## Digital Equipment Company

### Competitive Data from a Workstation Perspective

Alpha AXP Series 3000 Workstation Product Line					
Model Name	300L	300	400	500	500X
<b>Package</b>	desktop	desktop	desktop	deskside	deskside
<b>Ship date</b>	5/93	5/93	11/92	11/92	5/93
<b>Performance*<sup>P</sup></b>					
SPECmark89	59.8	85.5	111.1	126.1	160.8
SPECint92	45.9	66.2	74.7	84.4	110.9
SPECfp92	63.6	91.5	112.5	127.7	164.1
MIPS / MFlops	NR+ / 12.3	NR / 24.5	134.3 / 26.4	151.7 / 29.6	NR / 39.8
<b>System Design</b>	DECchip	DECchip	DECchip	DECchip	DECchip
Type processor	21064	21064	21064	21064	21064
Max. # processors	1	1	1	1	1
CPU clock speed	100MHz	150MHz	133MHz	150MHz	200MHz
# I/O slots	none	2 TURBO	3 TURBO	6 TURBO	5 TURBO
Cache, int inst/dat	8KB/8KB	8KB/8KB	8KB/8KB	8KB/8KB	8KB/8KB
Cache, ext inst/dat	512KB	512KB	512KB	512KB	512KB
<b>Configuration</b>					
MB RAM min/max	32/64	32/64	32/128	32/256	96/3GB
Disk, int max	2.1GB	2.1GB	2.1GB	4.2GB	1GB
Disk, ext max	7.4GB	5.25GB	36.7GB	7.4GB	7.4GB
<b>Graphics<sup>h</sup></b>					
Highest option	HX	HX?	PXGT +	PXGT +	PXGT +
X11perf overall	NR	NR	NR	NR	NR
# planes	8	8	24/24	24/24	24/24
3-D vectors/sec	NR	NR	NR	NR	NR
triangles/sec	NR	NR	NR	NR	NR
Z buffering	no	no	24-bit HW	24-bit HW	24-bit HW
<b>U.S. Pricing</b>					
Base Price	\$ 4,995*	\$ 9,695*	\$ 14,995	\$ 32,995	\$ 69,995 <sup>X</sup>
Entry color	\$ 7,920**	\$ 9,995**	\$ 17,495	\$ 32,995	\$ 69,995 <sup>X</sup>

\* For more specs detail, see UNIX Systems Quick Reference Card, P/N 5091-7333E.  
+ NR = not reported at present time    <sup>P</sup> = with Osf/1 operating system  
<sup>h</sup> Higher options 3rd party only (Kubota Pacific)  
\* 17" gray, 32 MB RAM, nondiscountable; 300L diskless, 300 has 426MB disk  
\*\* 16", 32 MB RAM, 426MB disk, nondiscountable; <sup>X</sup> 19", 96 MB RAM, 3GB disk

Alpha AXP Server Product Line							
Series	Models	# of Slots	Max CPUs	Clock Speed	SPECrate		First Ship Date
					int92	fp92	
3000	400S	3	1	133MHz	1,793	2,661	11/92
3000	500S	6	1	150MHz	1,984	3,023	11/92
4000	610 to 660	10	2	160MHz	2,198*	3,247*	12/92
7000	610 to 660	12	6	182MHz	2,572*	4,179*	12/92
10000	610 to 660	12	6	200MHz	2,765*	4,368*	1/93

\* With one CPU

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Competitors at a Glance: DEC Workstations P/N 5091-8220E