



CFP2000 Result

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Compaq Computer Corporation
AlphaStation 500/500

SPECfp2000 = --
SPECfp_base2000 = 153

SPEC license #: 2 | Tested by: Compaq NH | Test date: Nov-1999 | Hardware Avail: Oct-1996 | Software Avail: Feb-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	1039	154			
171.swim	3100	2055	151			
172.mgrid	1800	1612	112			
173.applu	2100	2274	92.3			
177.mesa	1400	707	198			
178.galgel	2900	1480	196			
179.art	2600	989	263			
183.quake	1300	1377	94.4			
187.facerec	1900	952	200			
188.amp	2200	1361	162			
189.lucas	2000	1107	181			
191.fma3d	2100	1676	125			
200.sixtrack	1100	793	139			
301.apsi	2600	1573	165			

Hardware

CPU: Alpha 21164
 CPU MHz: 500
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1
 Parallel: No
 Primary Cache: 8KB(I)+8KB(D) on chip
 Secondary Cache: 96KB on chip
 L3 Cache: 8MB off chip
 Other Cache: None
 Memory: 512MB
 Disk Subsystem: 3x4GB
 Other Hardware: Ethernet

Software

Operating System: Tru64 UNIX V4.0F
 Compiler: Compaq C X6.2-259-449AT
 Compaq Fortran T5.3 (ft2)
 KAP Fortran V4.2
 File System: ufs
 System State: Multi-user

Notes/Tuning Information

Baseline C: ONESTEP cc -arch ev56 -fast -O4
 Fortran: ONESTEP kf90 -arch ev56 -O5 -fkapargs='-ur=-1'

Portability: galgel: -fixed
 The C compiler used here will be available to customers as V6.3 at <http://www.unix.digital.com/dtk/> . It will be available as an ADK (Advanced Developers' Kit) in February, 2000 and as the final version in July, 2000.