



CFP2000 Result

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Compaq Computer Corporation AlphaServer 4100 5/533

SPECfp2000 = --
SPECfp_base2000 = 176

SPEC license #: 2 | Tested by: Compaq NH | Test date: Nov-1999 | Hardware Avail: Oct-1997 | Software Avail: Feb-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	927	173			
171.swim	3100	1605	193			
172.mgrid	1800	1383	130			
173.applu	2100	1849	114			
177.mesa	1400	675	207			
178.galgel	2900	1427	203			
179.art	2600	784	331			
183.quake	1300	1141	114			
187.facerec	1900	907	209			
188.amp	2200	1378	160			
189.lucas	2000	849	236			
191.fma3d	2100	1334	157			
200.sixtrack	1100	742	148			
301.apsi	2600	1346	193			

Hardware

CPU: Alpha 21164
 CPU MHz: 533
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1 to 4
 Parallel: No
 Primary Cache: 8KB(I)+8KB(D) on chip
 Secondary Cache: 96KB on chip
 L3 Cache: 4MB off chip
 Other Cache: None
 Memory: 1.5GB
 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.