



CFP2000 Result

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Dell PowerEdge 6400

SPECfp_rate2000 = 8.90

SPECfp_rate_base2000 = 7.70

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Apr-2001 | Hardware Avail: Mar-2000 | Software Avail: Oct-2000

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	740	10.0	4	740	10.0
171.swim	4	3154	4.56	4	3157	4.56
172.mgrid	4	1885	4.43	4	1908	4.38
173.applu	4	2492	3.91	4	2490	3.91
177.mesa	4	398	16.3	4	403	16.1
178.galgel	4	1944	6.92	4	970	13.9
179.art	4	741	16.3	4	302	40.0
183.quake	4	1291	4.67	4	976	6.18
187.facerec	4	909	9.70	4	823	10.7
188.amp	4	623	16.4	4	607	16.8
189.lucas	4	1638	5.67	4	1638	5.67
191.fma3d	4	1488	6.55	4	1488	6.55
200.sixtrack	4	895	5.70	4	879	5.81
301.apsi	4	1067	11.3	4	1026	11.8

Hardware

CPU: Pentium III Xeon
 CPU MHz: 700
 FPU: Integrated
 CPU(s) enabled: 4 cores, 4 chips, 1 core/chip
 CPU(s) orderable: 1 to 4
 Parallel: No
 Primary Cache: 16KB(I) + 16KB(D) on chip
 Secondary Cache: 2MB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4GB SDRAM
 Disk Subsystem: 1 x 18GB Quantum Atlas 10K U160
 Other Hardware:

Software

Operating System: Microsoft Windows 2000 Advanced Server
 Compiler: Intel C/C++ Compiler 5.0 Build 001004 for Windows NT
 Microsoft Visual C++ 6.0 (for libraries)
 MicroQuill SmartHeap Library 5.0
 File System: NTFS
 System State: Default

Notes/Tuning Information

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FEEDBACK-DIRECTED OPTIMIZATION
+FDO: PASS1= -Qprof_gen PASS2=-Qprof_use
BASE TUNING
C/F77/F90: -Qipo -QxK -O3 +FDO
PORTABILITY
178.galgel: -FI /F32000000
PEAK TUNING
168.wupwise: -Qipo -QxK -O3 +FDO
171.swim: -Qipo -QxK -O3 +FDO
172.mgrid: -Qipo -QaxK -O3 +FDO
173.applu: -Qipo -QxK -O3 +FDO
177.mesa: -Qipo -QxK -Oa -O3 +FDO shlw32M.lib
178.galgel: -Qipo -QxK -O3 +FDO shlw32M.lib
179.art: -Qipo -QxK -O3 -Oa +FDO shlw32M.lib
183.quake: -Qipo -QxK -Qrcd -Oa +FDO shlw32M.lib
187.facerec: -Qipo -QxK -O3 +FDO shlw32M.lib
188.amp: -Qipo -QxK -O3 -Oa +FDO

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Notes/Tuning Information (Continued)

189.lucas: -Qipo -QxK -O3 +FDO shlw32M.lib
191.fma3d: -Qipo -QxK -O3 +FDO
200.sixtrack: -Qipo -QxK +FDO
301.apsi: -Qipo -QxK +FDO
LIBRARIES
shlw32M.lib: MicroQuill SmartHeap Library 5.0
www.microquill.com