



CFP2000 Result

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Dell
PowerEdge 2650 (3.06 GHz Xeon)

SPECfp2000 = **1003**
SPECfp_base2000 = **996**

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: Mar-2003 Hardware Avail: Jun-2003 Software Avail: Jun-2002

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	120	1332	116	1385	
171.swim	3100	200	1553	200	1554	
172.mgrid	1800	192	939	191	940	
173.applu	2100	206	1019	203	1033	
177.mesa	1400	120	1170	118	1182	
178.galgel	2900	207	1402	207	1402	
179.art	2600	402	646	402	647	
183.quake	1300	115	1127	116	1119	
187.facerec	1900	152	1246	153	1246	
188.amp	2200	380	579	379	581	
189.lucas	2000	150	1337	147	1362	
191.fma3d	2100	205	1024	205	1025	
200.sixtrack	1100	196	560	194	567	
301.apsi	2600	359	724	357	729	

Hardware

CPU: Intel Xeon (533 MHz system bus)
 CPU MHz: 3066
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 12K(I) micro-ops + 8KB(D) on chip
 Secondary Cache: 512KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4 x 512MB DDR266 CL 2.5
 Disk Subsystem: 1 x 18GB Seagate Ultra U320 SCSI
 Other Hardware:

Software

Operating System: Windows 2000 Server (Build 2195 SP3)
 Compiler: Intel C++ and Fortran Compiler 6.0 (020423Z)
 Microsoft Visual Studio .NET (7.0.9466)
 MicroQuill SmartHeap Library 6.01
 File System: NTFS
 System State: Hyper-Threading Technology disabled in BIOS

Notes/Tuning Information

PORTABILITY
 178.galgel: -FI -F32000000
 FEEDBACK-DIRECTED OPTIMIZATION
 FDO: PASS1= -Qprof_gen PASS2= -Qprof_use
 BASE TUNING
 C-F77-F90: -Qipo -QxW -O3 +FDO
 PEAK TUNING
 168.wupwise: -Qipo -QxW +FDO
 171.swim: -Qipo -QxW -O3 +FDO
 172.mgrid: -Qipo -QaxW -O3 +FDO
 173.applu: -Qipo -QxW -O3 -Qscalar_rep- +FDO
 177.mesa: -Qipo -QxW -O3 -Oa +FDO
 178.galgel: -Qipo -QxW -O3 +FDO
 179.art: -Qipo -QxW -O3 -Oa +FDO
 183.quake: -Qipo -QxW -O3 -Oa +FDO shlW32M.lib
 187.facerec: -Qipo -QxW -O3 +FDO
 188.amp: -Qipo -QxW -O3 -Oa +FDO



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Notes/Tuning Information (Continued)

189.lucas: -Qipo -QaxW
191.fma3d: -Qipo -QxW -O3 +FDO
200.sixtrack: -Qipo -QxW +FDO
301.apsi: -Qipo -QxW +FDO
EXTRA LIBRARIES
shlW32M.lib: MicroQuill SmartHeap Library 6.01
www.microquill.com