



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
PowerEdge 6600 (3.0 GHz Xeon MP)

SPECfp_rate2000 = 32.4

SPECfp_rate_base2000 = 32.3

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Dec-2003 | Hardware Avail: Jan-2004 | Software Avail: Apr-2003

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	184	40.3	4	185	40.1
171.swim	4	983	14.6	4	983	14.6
172.mgrid	4	542	15.4	4	542	15.4
173.applu	4	763	12.8	4	763	12.8
177.mesa	4	118	55.1	4	117	55.7
178.galgel	4	105	128	4	104	129
179.art	4	84.5	143	4	84.8	142
183.quake	4	319	18.9	4	320	18.8
187.facerec	4	237	37.2	4	235	37.5
188.amp	4	166	61.6	4	166	61.5
189.lucas	4	614	15.1	4	612	15.2
191.fma3d	4	488	20.0	4	488	20.0
200.sixtrack	4	195	26.2	4	192	26.6
301.apsi	4	352	34.3	4	354	34.1

Hardware

CPU: Intel Xeon MP (400 MHz system bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 4 cores, 4 chips, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1,2,4
Parallel: No
Primary Cache: 12K(I) micro-ops + 8KB(D) on chip
Secondary Cache: 512KB(I+D) on chip
L3 Cache: 4096KB(I+D) on chip
Other Cache: N/A
Memory: 4 x 1024MB DDR200
Disk Subsystem: 1 x 36GB SEAGATE SCSI
Other Hardware:

Software

Operating System: Windows 2000 Advanced Server (SP2)
Compiler: Intel C++ Compiler 7.1 (20030402Z)
Intel Fortran Compiler 7.1 (20030402Z)
Microsoft Visual Studio .NET (7.0.9466)
File System: NTFS
System State: Default

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 -O3 +FDO

171.swim: -Qipo -QxW -O3 +FDO

172.mgrid: -Qipo -QaxW -O3 +FDO

173.applu: -Qipo -QxW -O3 -Qscalar_rep- -Qauto +FDO

177.mesa: PASS1= -Qprof_gen PASS2= -Qipo -Qprof_use -QxW -O3 -Oa

178.galgel: -Qipo -QxW -O3 +FDO

179.art: -Oa -Qipo -Qunroll4 -Zp4

183.quake: -QxW -Oa -Qrcd -Qipo +FDO

187.facerec: -O3 -QaxW -Qipo -Qunroll11 -Qscalar_rep- +FDO

188.amp: -Oa -QxW



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
PowerEdge 6600 (3.0 GHz Xeon MP)

SPECfp_rate2000 = 32.4
SPECfp_rate_base2000 = 32.3

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Dec-2003 | Hardware Avail: Jan-2004 | Software Avail: Apr-2003

Notes/Tuning Information (Continued)

189.lucas: -Qipo -QaxW
191.fma3d: basepeak=yes
200.sixtrack: -Qipo -QxW +FDO
301.apsi: -Qipo -QxW -O3 +FDO
ONESTEP=YES is set for all benchmarks
Hyper-Threading Technology disabled in BIOS