



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
PowerEdge 6600 (3.0 GHz Xeon MP)

SPECint_rate2000 = 57.2

SPECint_rate_base2000 = 55.9

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
164.gzip	4	127	51.3	4	126	51.6
175.vpr	4	139	46.8	4	138	47.1
176.gcc	4	88.1	57.9	4	89.3	57.2
181.mcf	4	214	39.1	4	213	39.2
186.crafy	4	85.8	54.1	4	86.0	54.0
197.parser	4	145	57.5	4	145	57.5
252.eon	4	98.1	61.5	4	84.7	71.2
253.perlbnk	4	132	63.1	4	129	64.9
254.gap	4	122	42.0	4	122	42.0
255.vortex	4	99.0	89.0	4	99.0	89.0
256.bzip2	4	124	56.2	4	119	58.5
300.twolf	4	206	67.6	4	195	71.3

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)
 Microsoft Visual Studio .NET (7.0.9466)
 MicroQuill SmartHeap Library 6.01
 File System: NTFS
 System State: Default

Notes/Tuning Information

PORTABILITY FLAGS

176.gcc: -Dalloca=_alloca /F10000000
 186.crafy: -DNT_i386
 253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
 254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

FEEDBACK DIRECTED OPTIMIZATION

FDO: PASS1= -Qprof_gen PASS2=-Qprof_use

BASE TUNING

C: -QxW -Qipo -O3 +FDO
 C++: -QxW -Qipo -GX -GR

PEAK TUNING

164.gzip: -QxW -Qipo -Oa -O3 +FDO
 175.vpr: -QxW -Qipo -O3 +FDO
 176.gcc: -QxW -Qipo -O3 +FDO
 181.mcf: -QxW -Qipo -O3 +FDO shlw32M.lib
 186.crafy: PASS1= -Qprof_gen PASS2= -Qipo -Qprof_use -QxW -O3
 197.parser: -QxW -Qipo -O3 +FDO
 252.eon: PASS1= -Qprof_gen PASS2= -Qipo -Qprof_use -QxW -O3
 253.perlbnk: -QxW -Qipo -O3 +FDO shlw32M.lib
 254.gap: basepeak=yes



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
PowerEdge 6600 (3.0 GHz Xeon MP)

SPECint_rate2000 = 57.2
SPECint_rate_base2000 = 55.9

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)

```
255.vortex    basepeak=yes
256.bzip2:    -Qipo -Oa -Qunroll1 +FDO
300.twolf:    -Qipo -QxW -O3 -Oa      shlw32M.lib
EXTRA LIBRARIES
shlw32M.lib:  MicroQuill SmartHeap Library 6.01
              www.microquill.com
ONESTEP=YES is set for all benchmarks
Hyper-Threading Technology disabled in BIOS
```