CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

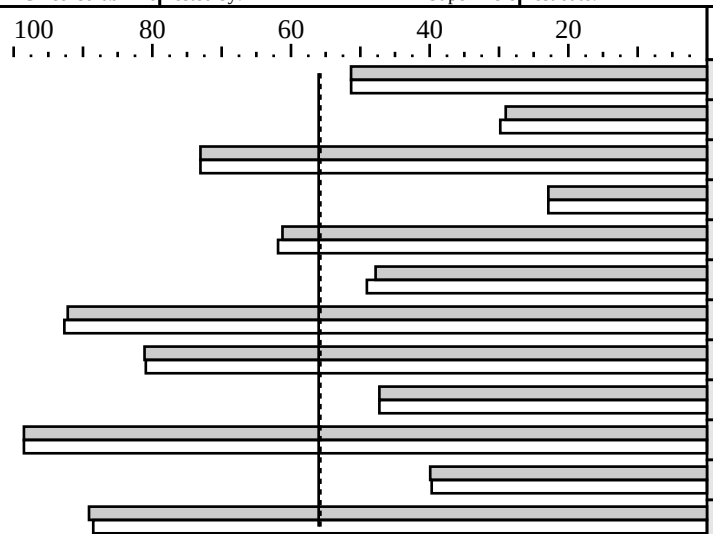
Supermicro

X6DLP-4G2 Motherboard (Dual-Core Intel Xeon processor LV 2.00GHz)

SPECint_rate2000 = 56.0

SPECint_rate_base2000 = 55.8

SPEC license #01176 | Tested by: Supermicro | Test date: Feb-2006 | Hardware Avail: Mar-2006 | Software Avail: May-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	127	51.3	4	127	51.3
175.vpr	4	224	29.0	4	218	29.8
176.gcc	4	69.9	73.1	4	69.9	73.1
181.mcf	4	365	22.9	4	365	22.9
186.crafty	4	75.8	61.2	4	75.0	61.9
197.parser	4	175	47.8	4	170	49.1
252.eon	4	65.4	92.2	4	65.1	92.7
253.perlbmk	4	103	81.1	4	103	80.9
254.gap	4	108	47.3	4	108	47.3
255.vortex	4	89.5	98.5	4	89.5	98.5
256.bzip2	4	174	39.9	4	175	39.7
300.twolf	4	156	89.1	4	157	88.5

Hardware

CPU:	Dual-Core Intel Xeon processor LV (2.00GHz, 667MHz)
CPU MHz:	2000
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1, 2
Parallel:	No
Primary Cache:	32KBI + 32KBD on chip per core
Secondary Cache:	2MB(I+D) on chip per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 X 2048MB DDR2-400 Register ECC, CL3
Disk Subsystem:	1 X IDE Seagate Barracuda 7200.9 120GB ATA100 7200RPM
Other Hardware:	N/A

Software

Operating System:	Windows 2003 Enterprise Edition w/ SP1
Compiler:	Intel C++ Compiler 9.0 for 32-bit applications Build 20050430Z (32-bit) Microsoft Visual Studio .Net 2003(for libraries) SmartHeap Library Version 7.4 from http://www.microquill.com/
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning for C programs:   -fast +FDO shlW32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO shlW32M.lib
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafy: -DNT_i386
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
164.gzip:     -fast -Qansi_alias -Oa  +FDO
175.vpr:      -fast -Qansi_alias +FDO
176.gcc:      basepeak=yes
181.mcf:      basepeak=yes
186.crafty:   -fast -Qansi_alias -Oa +FDO
197.parser:   -fast -Qansi_alias  +FDO
252.eon:      -fast +FDO shlW32M.lib
253.perlbmk:  -fast -Qansi_alias +FDO shlW32M.lib
254.gap:      basepeak=yes
255.vortex    basepeak=yes
256.bzip2:   -fast -Oa -Qunroll1 +FDO
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

300.twolf: -fast -O3 +FDO shlW32M.lib

Tested system was built with 1U SC811LF-260 Chassis. For a general system, a 260W (minimum) ATX12V power supply [4-pin +12V AND 24-pin is recommended to assure system stability].

On board ATI Rage XL graphic used when test run.
The system bus runs at 667 MHz