CINT2000 Result

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Supermicro

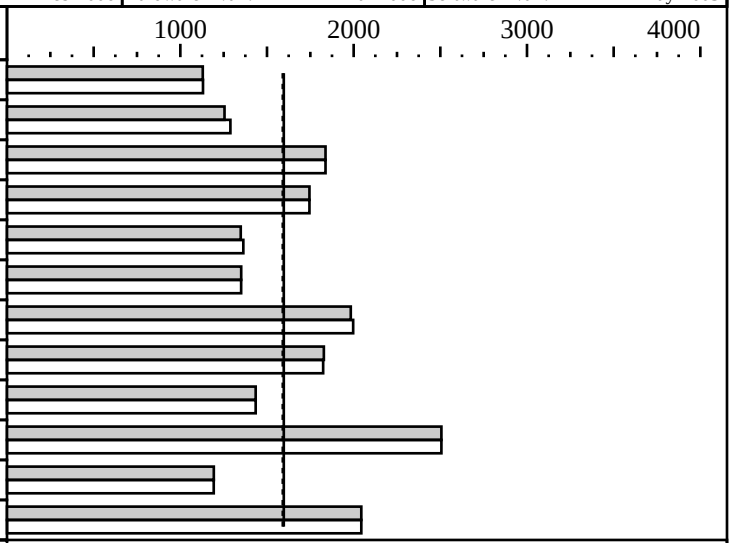
X6DLP-4G2 Motherboard (Dual-Core Intel Xeon processor LV 2.00GHz)

SPECint2000 = 1597

SPECint_base2000 = 1591

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	124	1129	124	1131
175.vpr	1400	112	1255	109	1289
176.gcc	1100	59.9	1838	59.9	1838
181.mcf	1800	103	1745	103	1745
186.crafty	1000	74.2	1349	73.3	1363
197.parser	1800	133	1351	133	1351
252.eon	1300	65.5	1983	65.1	1997
253.perlbmk	1800	98.5	1828	98.7	1824
254.gap	1100	76.7	1435	76.7	1435
255.vortex	1900	75.8	2506	75.8	2506
256.bzip2	1500	126	1193	126	1193
300.twolf	3000	147	2044	147	2044



Hardware

CPU:	Dual-Core Intel Xeon processor LV (2.00GHz, 667MHz)
CPU MHz:	2000
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 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

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+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
```

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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