CINT2000 Result

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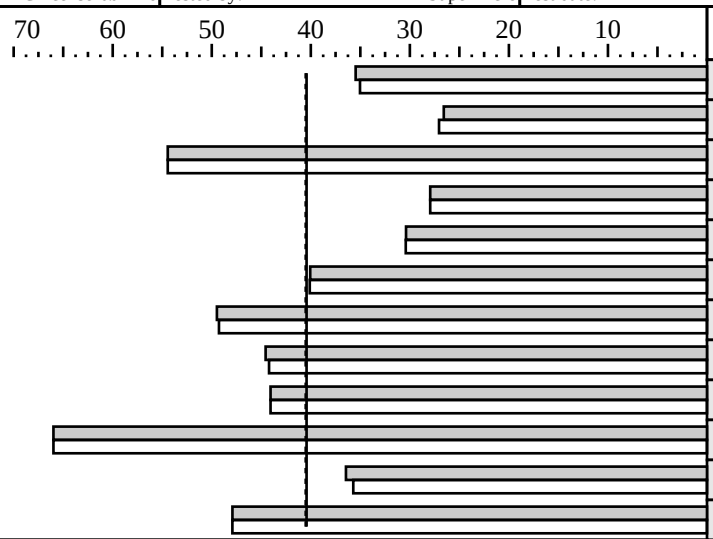
Supermicro
PDSML-LN2 Rev. 1.01 Motherboard

SPECint_rate2000 = 40.4

SPECint_rate_base2000 = 40.5

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	183	35.5	4	185	35.0
175.vpr	4	244	26.6	4	240	27.1
176.gcc	4	93.8	54.4	4	93.8	54.4
181.mcf	4	299	27.9	4	299	27.9
186.crafty	4	153	30.4	4	153	30.4
197.parser	4	208	40.1	4	208	40.1
252.eon	4	122	49.5	4	122	49.3
253.perlbmk	4	187	44.6	4	189	44.2
254.gap	4	116	44.1	4	116	44.1
255.vortex	4	134	66.0	4	134	66.0
256.bzip2	4	191	36.5	4	195	35.7
300.twolf	4	291	47.9	4	291	47.9

Hardware

CPU:	Intel Pentium Processor Extreme Edition 955 (3.46Ghz, 1066FSB)
CPU MHz:	3460
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology Enabled)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip per core
Secondary Cache:	2MB(I+D) on chip per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 x 1024MB ATP DDR2-533 ECC
Disk Subsystem:	36GB Western Digital WD360 SATA HDD
Other Hardware:	N/A

Software

Operating System:	Windows Server 2003 Enterprise Edition 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
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
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 SC811T-300, http://www.supermicro.com/products/chassis/1U/811/SC811T-300.cfm

Fixed 300W AC power supply module with PFC [24-pin, (4-pin=12V), 4-pin HDD]
Product description located as of:
http://www.supermicro.com/products/motherboard/DualCore/E7230/PDSML-LN2.cfm
Used On-board XGI XG20 graphics, 16MB DDR video memory
The system bus runs at 1066 MHz