CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

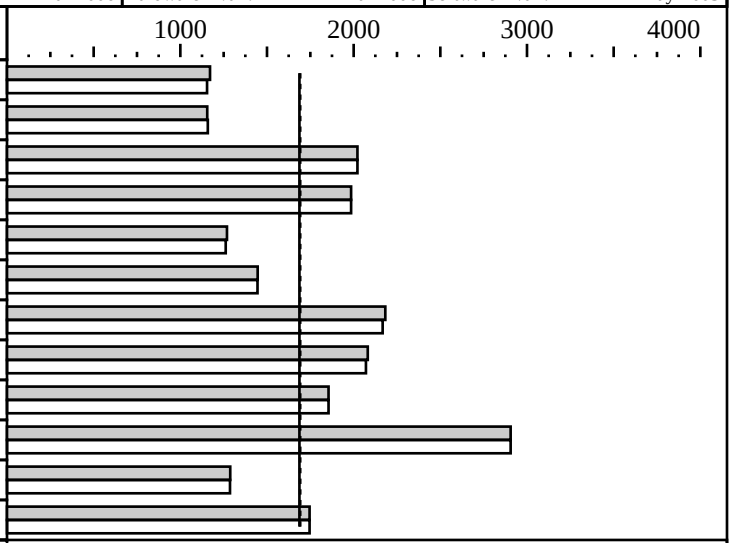
Supermicro
PDSML-LN2 Rev. 1.01 Motherboard

SPECint2000 = 1687

SPECint_base2000 = 1692

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	120	1171	121	1154
175.vpr	1400	121	1155	121	1159
176.gcc	1100	54.4	2022	54.4	2022
181.mcf	1800	90.7	1985	90.7	1985
186.crafty	1000	78.8	1269	79.3	1262
197.parser	1800	124	1446	125	1445
252.eon	1300	59.6	2183	60.0	2167
253.perlbmk	1800	86.5	2081	86.9	2071
254.gap	1100	59.3	1855	59.3	1855
255.vortex	1900	65.4	2906	65.4	2906
256.bzip2	1500	116	1288	117	1287
300.twolf	3000	172	1746	172	1746



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 Disabled)
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
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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