



CINT2000 Result

Copyright ©1999-2007, Standard Performance Evaluation Corporation

Bull

NovaScale B260 (Intel Xeon processor E5335, 2.00 GHz)

SPECint_rate2000 = 152

SPECint_rate_base2000 = 152

SPEC license #: 20 | Tested by: Bull | Test date: Feb-2007 | Hardware Avail: Jan-2007 | Software Avail: Dec-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	118	110	8	118	110
175.vpr	8	123	106	8	121	107
176.gcc	8	55.7	183	8	55.7	183
181.mcf	8	178	93.8	8	178	93.8
186.crafty	8	54.9	169	8	54.9	169
197.parser	8	121	138	8	121	138
252.eon	8	49.9	242	8	49.9	242
253.perlbnk	8	78.3	213	8	78.3	213
254.gap	8	113	90.0	8	113	90.0
255.vortex	8	64.7	273	8	64.7	273
256.bzip2	8	118	118	8	118	118
300.twolf	8	130	215	8	130	215

Hardware

CPU: Intel Xeon Processor E5335 (2.00 GHz, 8MB L2, 1333MHz bus)
CPU MHz: 2000
FPU: Integrated
CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip
CPU(s) orderable: 1 to 2 chips
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip, per core
Secondary Cache: 8MB(I+D) on chip, per chip (4MB shared by 2 cores)
L3 Cache: N/A
Other Cache: N/A
Memory: 8GB (2GB DIMMx4, FB-DIMM PC2-5300F ECC CL5)
Disk Subsystem: 1x73GB SAS 10000 rpm
Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise Edition (32 bits), Service Pack 1
Compiler: Intel(R) C++ Compiler for 32-bit app., Version 9.1, - Build 20061103Z Package ID: W_CC_C_9.1.033
Microsoft Visual Studio .NET 2003 (for libraries)
MicroQuill SmartHeap Library 8.0 (shlW32M.lib)
File System: NTFS
System State: Default

Notes/Tuning Information

Portability flags:

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

Feedback optimization:

```
+FDO: PASS1= -Qprof_gen PASS2= -Qprof_use
```

Baseline Tuning Flags:

```
for C programs:
-fast +FDO ONESTEP=yes shlW32M.lib
for C++ program 252.eon:
-fast -Qcxx_features +FDO ONESTEP=yes
```

Peak Tuning Flags:

```
164.gzip: -fast +FDO ONESTEP=yes
175.vpr: -fast +FDO ONESTEP=yes
176.gcc: basepeak=yes
181.mcf: basepeak=yes
```



CINT2000 Result

Copyright ©1999-2007, Standard Performance Evaluation Corporation

Bull

NovaScale B260 (Intel Xeon processor E5335, 2.00 GHz)

SPECint_rate2000 = 152

SPECint_rate_base2000 = 152

SPEC license #: 20 | Tested by: Bull | Test date: Feb-2007 | Hardware Avail: Jan-2007 | Software Avail: Dec-2006

Notes/Tuning Information (Continued)

186.crafty: basepeak=yes
197.parser: -fast +FDO ONESTEP=yes
252.eon: basepeak=yes
253.perlbnk: basepeak=yes
254.gap: -fast +FDO ONESTEP=yes
255.vortex: basepeak=yes
256.bzip2: basepeak=yes
300.twolf: basepeak=yes

Other Configuration Notes

For information about Bull please see:
<http://www.bull.com>