



CFP2000 Result

Copyright ©1999-2007, Standard Performance Evaluation Corporation

Bull

NovaScale B260 (Intel Xeon processor 5110, 1.60 GHz)

SPECfp2000 = 1658

SPECfp_base2000 = 1652

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	61.7	2595	61.7	2595
171.swim	3100	145	2133	145	2133
172.mgrid	1800	172	1047	172	1047
173.applu	2100	152	1386	152	1386
177.mesa	1400	95.3	1470	95.1	1472
178.galgel	2900	75.3	3851	75.3	3851
179.art	2600	46.9	5549	46.9	5549
183.quake	1300	61.7	2106	61.7	2106
187.facerec	1900	120	1587	120	1587
188.amp	2200	193	1143	184	1199
189.lucas	2000	142	1407	142	1407
191.fma3d	2100	165	1274	165	1274
200.sixtrack	1100	172	640	172	640
301.apsi	2600	254	1022	254	1022

Hardware

CPU: Intel Xeon Processor 5110 (1.60 GHz, 4MB L2, 1066MHz bus)
CPU MHz: 1600
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 2 cores/chip
CPU(s) orderable: 1 to 2
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip, per core
Secondary Cache: 4096KB(I+D) on chip per chip (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 Pack1
Compiler: Intel(R) C++ Compiler for 32-bit app., Version 9.1, - Build 20061103Z Package ID: W_CC_C_9.1.033
Intel(R) Fortran Compiler for 32-bit app., Version 9.1, - Build 20061103Z Package ID: W_FC_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:

178.galgel: -FI /F32000000

Feedback optimization:

+FDO: PASS1= -Qprof_gen PASS2= -Qprof_use

Baseline Tuning Flags:

for C programs:
-fast +FDO ONESTEP=yes shlW32M.lib
for Fortran programs:
-fast -Qansi_alias +FDO

Peak Tuning Flags:

168.wupwise: basepeak=yes
171.swim: basepeak=yes
172.mgrid: basepeak=yes
173.applu: basepeak=yes



CFP2000 Result

Copyright ©1999-2007, Standard Performance Evaluation Corporation

Bull

NovaScale B260 (Intel Xeon processor 5110, 1.60 GHz)

SPECfp2000 = 1658

SPECfp_base2000 = 1652

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

Notes/Tuning Information (Continued)

```
177.mesa: -fast +FDO ONESTEP=yes
178.galgel: basepeak=yes
179.art: basepeak=yes
183.quake: basepeak=yes
187.facerec: basepeak=yes
188.ammmp: -fast +FDO ONESTEP=yes
189.lucas: basepeak=yes
191.fma3d: basepeak=yes
200.sixtrack: basepeak=yes
301.apsi: basepeak=yes
```

Other Configuration Notes

/NUMPROC=1 flag was added to boot.ini to invoke uniprocessor environment

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