CFP2000 Result

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IBM Corporation

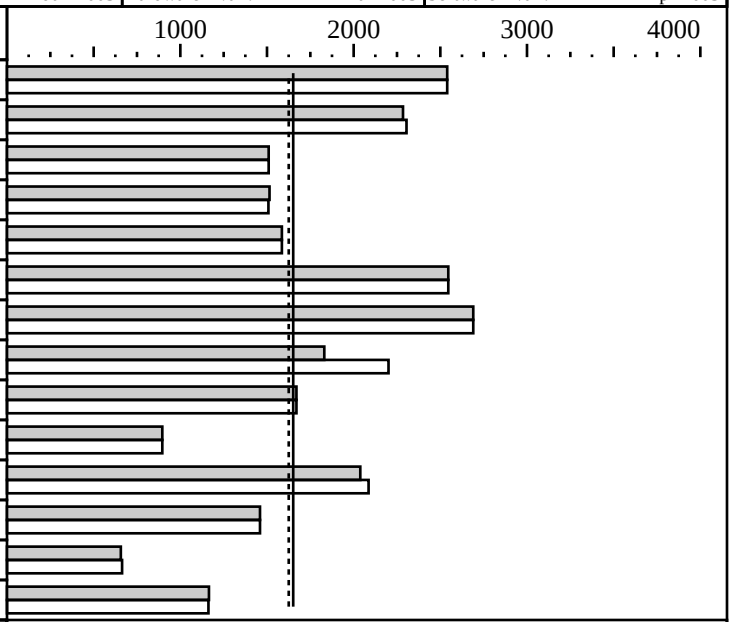
IBM eServer xSeries 366 (3.66 GHz Intel Xeon MP)

SPECfp2000 = 1651

SPECfp_base2000 = 1625

SPEC license #: 11 | Tested by: IBM, Research Trinagle Park, NC | Test date: Jun-2005 | Hardware Avail: Mar-2005 | Software Avail: Apr-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	63.0	2540	63.0	2540
171.swim	3100	136	2285	135	2305
172.mgrid	1800	119	1510	119	1510
173.applu	2100	139	1515	139	1508
177.mesa	1400	88.3	1586	88.3	1586
178.galgel	2900	114	2546	114	2546
179.art	2600	96.7	2690	96.7	2690
183.equake	1300	71.0	1831	59.1	2201
187.facerec	1900	114	1670	114	1670
188.ammp	2200	246	896	246	896
189.lucas	2000	98.1	2038	95.9	2086
191.fma3d	2100	144	1460	144	1460
200.sixtrack	1100	168	657	166	664
301.apsi	2600	223	1165	224	1162



Hardware

CPU:	Intel Xeon MP (3.66 GHz Xeon, 1MB L2 Cache, 667 MHz system bus)
CPU MHz:	3667
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2,4
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 x 2048 MB ECC DDR2 Dual Rank
Disk Subsystem:	36GB SAS 10K RPM
Other Hardware:	

Software

Operating System:	Windows Server 2003 Standard Edition
Compiler:	Intel C/C++ Compiler 8.1 (20050409) for 32-bit applications Intel Fortran Compiler 8.1 (20050405Z) for 32-bit applications Microsoft Visual Studio .NET 13.0.9466 (for libraries) MicroQuill Smartheap Library 7.30
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
GENERAL
  ONESTEP=yes
  +FDO:   PASS1=-Qprof_gen  PASS2=-Qprof_use
PORTABILITY
  178.galgel:   -FI /F32000000
 191.fma3d:    srcalt=windowsdp
BASE TUNING
  C/F77/F90:    -fast -QxP -Qansi_alias     +FDO
PEAK TUNING
  168.wupwise:  basepeak=yes
  171.swim:     -fast -QxP -f77rtl +FDO
  172.mgrid:    basepeak=yes
  173.applu:    -fast -QxP -Qscalar_rep- -Qauto -f77rtl +FDO
  177.mesa:     basepeak=yes
  178.galgel:   basepeak=yes
  179.art:      basepeak=yes
  183.equake:   -fast -QxP -Oa -Qrcd +FDO shlW32M.lib
```

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Notes/Tuning Information (Continued)

```
187.facerec:  basepeak=yes
188.ammp:     basepeak=yes
189.lucas:    -fast -QxP
191.fma3d:    basepeak=yes
200.sixtrack: -QxP -Qipo +FDO
301.apsi:     -fast -QxP -f77rtl +FDO
```