



CFP2000 Result

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Unisys Corporation
ES7000 Aries 130 Server

SPECfp_rate2000 = 181

SPECfp_rate_base2000 = 181

SPEC license #: 15 | Tested by: Unisys, Salt Lake, UT | Test date: Mar-2003 | Hardware Avail: Dec-2002 | Software Avail: May-2003

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	16	188	158	16	188	158
171.swim	16	291	197	16	291	197
172.mgrid	16	248	135	16	248	135
173.applu	16	115	337	16	115	337
177.mesa	16	192	135	16	192	135
178.galgel	16	128	421	16	128	421
179.art	16	110	438	16	110	438
183.equake	16	158	153	16	158	153
187.facerec	16	207	171	16	207	171
188.amp	16	269	152	16	269	152
189.lucas	16	286	130	16	286	130
191.fma3d	16	337	115	16	337	115
200.sixtrack	16	124	165	16	124	165
301.apsi	16	420	115	16	420	115

Hardware

CPU: Itanium 2 processor
CPU MHz: 1000
FPU: Integrated
CPU(s) enabled: 16 cores, 16 chips, 1 core/chip
CPU(s) orderable: 4,8,12,16
Parallel: No
Primary Cache: 16KBI+16KBD on chip
Secondary Cache: 256KB(I+D) on chip
L3 Cache: 3MB(I+D) on chip
Other Cache: N/A
Memory: 64GB (blocked)
Disk Subsystem: 1x36GB SCSI disk (15k rpm)
Other Hardware: N/A

Software

Operating System: SCO Linux Server 4.0 for Itanium Processor Family
Compiler: Intel C/C++ Compiler 7.0 for Linux build 20030129
Intel Fortran Compiler 7.0 for Linux build 20030129
File System: EXT2
System State: Runlevel 3 (multiuser+network)

Notes/Tuning Information

```
+FDO: PASS1=-prof_gen PASS2=-prof_use
Base tuning:
C programs:      -ipo -O3 +FDO -static
Fortran programs: -ipo -O3 +FDO
Portability:
178.galgel: -FI

HPC patch in kernel (2.4.19-SMP)
Postfix stopped
Peak flags same as baseline (basepeak=true set globally)
Kernel was built with the configuration of 64K page size.
```