



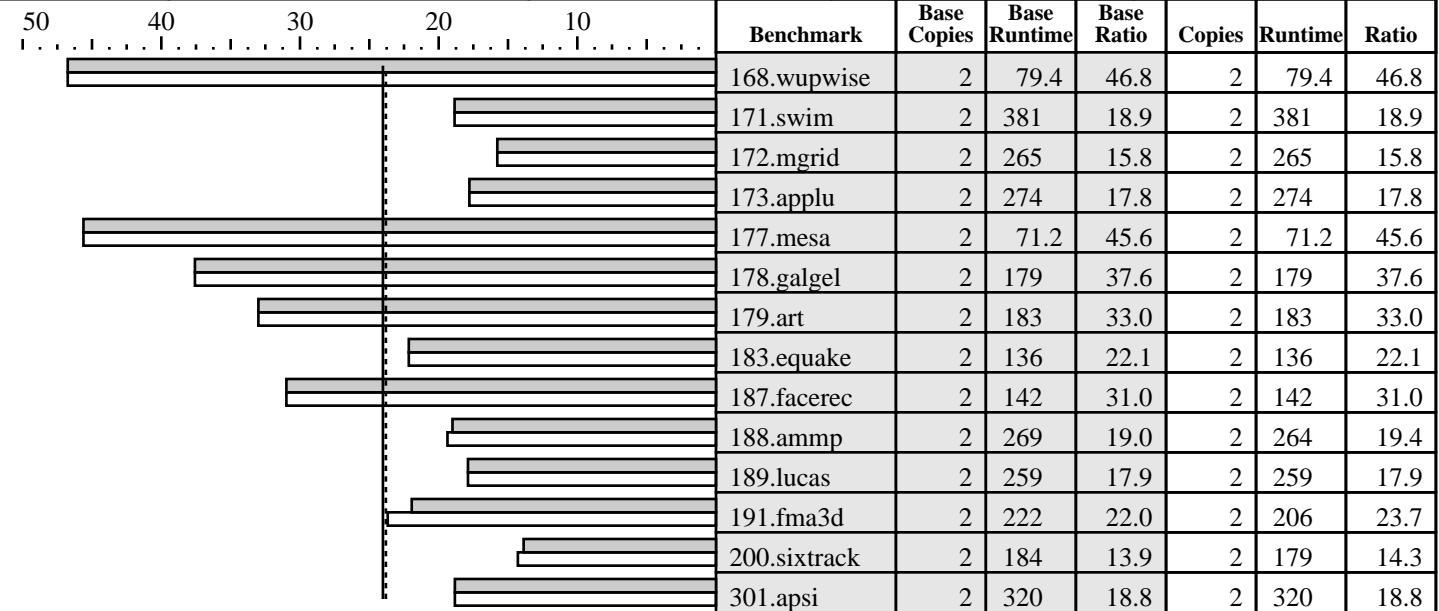
CFP2000 Result

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ION Computer Systems
LN10J (3.4GHz Xeon processor w. 1MB L2 cache)

SPECfp_rate2000 = 24.0
SPECfp_rate_base2000 = 23.8

SPEC license #: 2697 | Tested by: ION | Test date: Jan-2005 | Hardware Avail: Dec-2004 | Software Avail: Dec-2004



Hardware

CPU: Intel Xeon processor, 800MHz system bus
 CPU MHz: 3392
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip, HyperThreading disabled
 CPU(s) orderable: 1-2
 Parallel: No
 Primary Cache: 12K(I) micro-ops + 8KB(D) on chip
 Secondary Cache: 1MB (I+D) on chip
 L3 Cache: None
 Other Cache: None
 Memory: 4 GB (4x1GB DDR2-400 DIMMs)
 Disk Subsystem: 80GB Seagate SATA disk
 Other Hardware: None

Software

Operating System: Red Hat Enterprise Linux AS 3, 2.4.21-20.ELsmp, EM64T
 Compiler: Intel(R) Fortran Compiler for EM64T, V8.1 (Build 20041123)
 Intel(R) C Compiler for EM64T, V8.1 (Build 20041123)
 File System: ext3
 System State: Multi-user, run level 3

Notes/Tuning Information

HyperThreading disabled in BIOS

Baseline optimization flags:

C programs: -xP -fast -ansi_alias +FDO
 Fortran programs: -xP -ipo -O3 +FDO

FP Peak optimization flags:

168.wupwise: basepeak=yes
 171.swim: basepeak=yes
 72.mgrid: basepeak=yes
 173.applu: basepeak=yes
 177.mesa: basepeak=yes
 178.galgel: basepeak=yes
 179.art: basepeak=yes
 183.quake: basepeak=yes
 187.facerec: basepeak=yes
 188.amp: -xP -alias_args +FDO



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Notes/Tuning Information (Continued)

```
189.lucas: basepeak=yes
191.fma3d: -xW -ipo -O3 +FDO
200.sixtrack: -xP -ipo +FDO
301.apsi: basepeak=yes
```

```
FP Portability Flags:
178.galgel: -FI
```