



CFP2000 Result

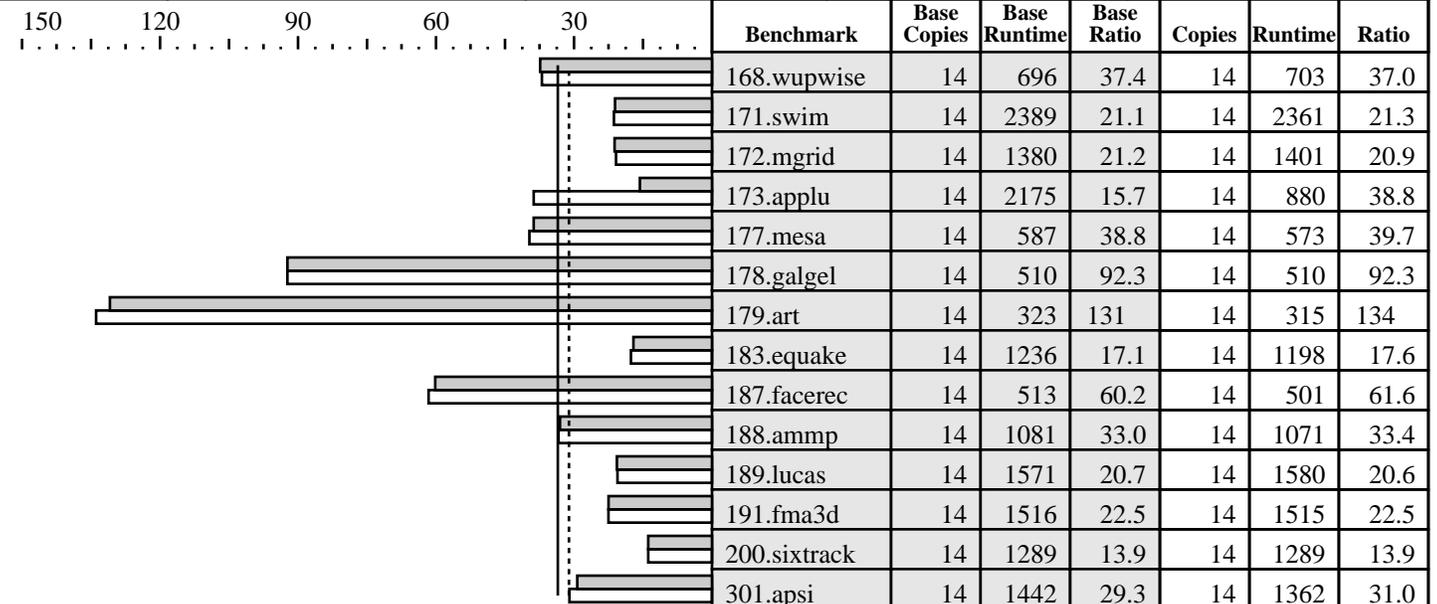
Copyright ©1999-2004, Standard Performance Evaluation Corporation

Sun Microsystems
Sun Enterprise 4500

SPECfp_rate2000 = 33.5

SPECfp_rate_base2000 = 31.1

SPEC license #: 6 Tested by: Sun Microsystems, Palo Alto Test date: Sep-2000 Hardware Avail: Dec-1998 Software Avail: Oct-2000



Hardware

CPU: UltraSPARC-II
 CPU MHz: 400
 FPU: Integrated
 CPU(s) enabled: 14 cores, 14 chips, 1 core/chip
 CPU(s) orderable: 1-14
 Parallel: None
 Primary Cache: 16KBI+16KBD on chip
 Secondary Cache: 8MB(I+D) off chip
 L3 Cache: None
 Other Cache: None
 Memory: 12GB
 Disk Subsystem: 6 x 9GB
 Other Hardware: --

Software

Operating System: Solaris 8
 Compiler: Forte Developer 6 update 1
 File System: UFS
 System State: multiuser

Notes/Tuning Information

Portability: 178.galgel: -e -fixed

Base:

C: -fast -xcrossfile -xprofile -xalias_level=std

F90: -fast -xcrossfile -xprofile

Peak:

168.wupwise: basepeak

171.swim: -fast -Qoption f90comp -expansion -xsafe=mem -xprefetch -inline=%auto -xvector -xpad=common:15
-Qoption iropt -O5+ansi_alias+scalarrep+algassoc+bcopy+bmerge -xprofile

172.mgrid: -fast -xregs=syst

173.applu: -fast -Qoption iropt -Adata_access,-Mt6000,-Mm12000,-Mr40000,-Ma400,-whole -xregs=syst

177.mesa: -fast -xcrossfile -xalias_level=strong -xprofile

178.galgel: basepeak

179.art: basepeak

183.quake: -fast -xalias_level=strong -xdepend -xprofile -lmopt -lm

187.facerec: -fast -xcrossfile -stackvar -xprofile

188.amp: -fast -xcrossfile -xalias_level=strong -xdepend -xregs=syst -xprofile

189.lucas: basepeak

Standard Performance Evaluation Corporation

info@spec.org

http://www.spec.org



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Sun Microsystems
Sun Enterprise 4500

SPECfp_rate2000 = 33.5
SPECfp_rate_base2000 = 31.1

SPEC license #: 6 | Tested by: Sun Microsystems, Palo Alto | Test date: Sep-2000 | Hardware Avail: Dec-1998 | Software Avail: Oct-2000

Notes/Tuning Information (Continued)

```
191.fma3d:    basepeak
200.sixtrack: basepeak
301.apsi:     -fast -qoption f90comp -expansion -xprofile
ONESTEP=yes for both base and peak
```