



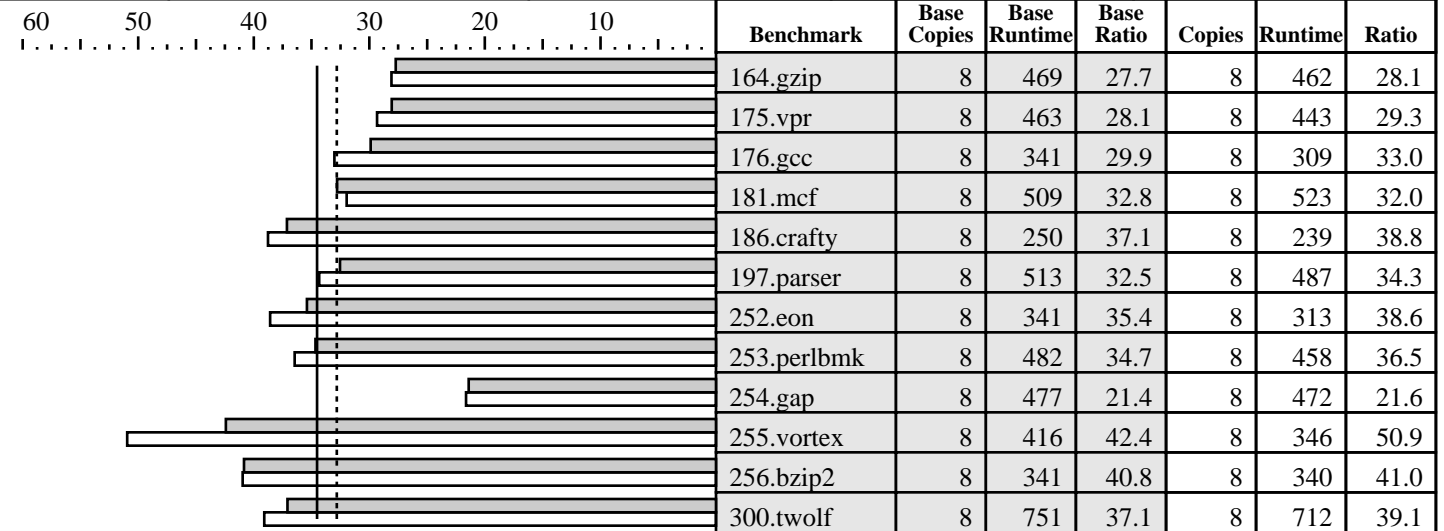
CINT2000 Result

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Sun Microsystems
Sun Fire 3800

SPECint_rate2000 = 34.5
SPECint_rate_base2000 = 32.8

SPEC license #: 6 Tested by: Sun Microsystems, Palo Alto Test date: Jun-2001 Hardware Avail: Mar-2001 Software Avail: Jul-2001



Hardware

CPU: UltraSPARC-III
 CPU MHz: 750
 FPU: Integrated
 CPU(s) enabled: 8 cores, 8 chips, 1 core/chip
 CPU(s) orderable: 2 to 8
 Parallel: None
 Primary Cache: 32KBI+64KBD on chip
 Secondary Cache: 8MB(I+D) off chip
 L3 Cache: None
 Other Cache: None
 Memory: 16GB
 Disk Subsystem: 2x18GB (system disks)
 4x(9x18GB raid5) 4-way striped
 Other Hardware:

Software

Operating System: Solaris 8 4/01
 Compiler: Sun Forte Developer 6u2
 File System: UFS
 System State: Multi-user

Notes/Tuning Information

Portability: 252.eon: -library=iostream,no%Cstd

Base C flags: -fast -xcrossfile -xprofile -xalias_level=basic

Base C++ flags: -fast -xcrossfile -xprofile

Note: ONESTEP=yes for all benchmarks in base and peak

164.gzip: -fast -xalias_level=std -xcrossfile -W2,-whole -xprofile

175.vpr: -fast -xalias_level=std -xcrossfile -xdepend -xregs=syst
-W2,-whole -xprofile

176.gcc: -fast -xcrossfile -W2,-whole -xprofile -dn

181.mcf: -fast -xcrossfile -xdepend -Wc,-Qgsched-trace_late=1,
-Qgsched-T4 -xsafe=mem -xprofile

186.crafty -fast -xcrossfile -Wc,-Qgsched-trace_late=1,-Qgsched-T4
-xalias_level=strong -xregs=syst -xchip=ultra2 -xprofile

197.parser -fast -xcrossfile -xdepend -xprofile -xregs=syst -Wc,
-Qgsched-trace_late=1,-Qgsched-T4 -xalias_level=strong



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Notes/Tuning Information (Continued)

```
252.eon -fast -xcrossfile -xsafe=mem -Qoption iropt -Mt500,  
-restrict_g,-restrict -Qoption cg -Qgsched-trace_late=1,  
-Qgsched-T4 -xprofile -lmopt  
253.perlbmk -fast -xcrossfile -Wc,-Qgsched-trace_late=1,  
-Qgsched-T4,-Qgsched-trace_spec_load=1  
-xalias_level=std -xsafe=mem -xprofile  
254.gap -fast -xarch=v8 -W2,-crit,-whole -xcrossfile  
-Wc,-Qiselect-funcalign=32 -xalias_level=std -xprofile  
255.vortex -fast -xsafe=mem -xcrossfile -W2,-Aheap,-reroll=1,  
-Aunroll,-Ms1,-Mt500,-Mr6000,-crit -xrestrict -xdepend  
-Wc,-Qdepgraph-early_cross_call=1 -xprofile  
-Wc,-Qiselect-funcalign=32 -Wc,-Qpeep-Sh0  
-Wc,-Qgsched-trace_late=1,-Qgsched-T4  
256.bzip2 -fast -xarch=v8 -W2,-Abopt -xcrossfile -xalias_level=std  
-Wc,-Qiselect-funcalign=32 -xdepend -xregs=syst -xprofile  
300.twolf -fast -xalias_level=std -xcrossfile -W2,-whole -xsafe=mem  
-xprofile
```