



# CINT2000 Result

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## Sun Microsystems Ultra Enterprise 2

SPECint2000 = --  
SPECint\_base2000 = 116

SPEC license #: 6 Tested by: Sun Microsystems Test date: Jun-2006 Hardware Avail: Apr-1997 Software Avail: Mar-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	1325	106		
175.vpr	1400	1248	112		
176.gcc	1100	954	115		
181.mcf	1800	1492	121		
186.crafty	1000	994	101		
197.parser	1800	1604	112		
252.eon	1300	1105	118		
253.perlbmk	1800	1444	125		
254.gap	1100	1041	106		
255.vortex	1900	1410	135		
256.bzip2	1500	1346	111		
300.twolf	3000	2096	143		

### Hardware

CPU: UltraSPARC II  
CPU MHz: 296  
FPU: Integrated  
CPU(s) enabled: 2 cores, 2 chips, 1 core/chip  
CPU(s) orderable: 1,2  
Parallel: No  
Primary Cache: 16KBI+16KBD on chip  
Secondary Cache: 2MB(I+D) off chip  
L3 Cache: none  
Other Cache: None  
Memory: 2GB  
Disk Subsystem: 2x36GB 10K RPM SCSI (1 sys disk, 1 for SPEC)  
Other Hardware: none

### Software

Operating System: Solaris 10 3/05  
Compiler: Sun Forte Developer 6  
File System: ufs  
System State: Default

## Notes/Tuning Information

This is a "historical" submission: the system tested here is not currently sold, but is reported for historical reference.

Although two CPUs were enabled during testing, the SPEC CPU2000 benchmarks used only 1 CPU.

Tuning: C flags: -fast  
C++ flags: -fast

### Portability:

176.gcc: -Dalloca=\_\_builtin\_alloca -DHOST\_WORDS\_BIG\_ENDIAN  
186.crafty: -DSUN  
253.perlbmk: -DSPEC\_CPU2000\_SOLARIS  
254.gap: -DSYS\_IS\_USG -DSYS\_HAS\_TIME\_PROTO -DSYS\_HAS\_SIGNAL\_PROTO -DSYS\_HAS\_CALLOC\_PROTO