



# OMPL2001 Result

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**SGI**  
**SGI 3800 64X 400MHz R12K**

SPECompLpeak2001 = --  
SPECompLbase2001 = 103723

SPEC license #HPG0014 | Tested by: SGI | Test site: SGI | Test date: May-2002 | Hardware Avail: Sep-2000 | Software Avail: Apr-2002

Benchmark	Reference Time	Base Runtime	Base Ratio	Peak Runtime	Peak Ratio	
311.wupwise_1	9200	1197	123016			
313.swim_1	12500	1866	107180			
315.mgrid_1	13500	1453	148701			
317.applu_1	13500	2026	106608			
321.equake_1	13000	2519	82571			
325.apsi_1	10500	2064	81385			
327.gafort_1	11000	1842	95533			
329.fma3d_1	23500	3818	98492			
331.art_1	25000	3804	105140			

### Hardware

CPU: R12000  
 CPU MHz: 400  
 FPU: Integrated  
 CPU(s) enabled: 64  
 CPU(s) orderable: 4-512  
 Primary Cache: 32KBI + 32KBD on chip  
 Secondary Cache: 8MB(I+D) off chip  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 64 GB  
 Disk Subsystem: 1 x 9 GB FC, 24x 36 GB (striped) FC  
 Other Hardware: None

### Software

OpenMP Threads: 64  
 Parallel: OpenMP  
 Operating System: IRIX 6.5.16f  
 Compiler: MIPSpro 7.3.1.3m C, Fortran90  
 File System: xfs  
 System State: Multi-user

## Notes/Tuning Information

Baseline flags: -64 -mp -Ofast=ip35 -LNO:fusion=2

Baseline user environment:

```
OMP_DYNAMIC=FALSE
MPC_GANG=OFF
_DSM_MUSTRUN=
_DSM_WAIT=SPIN
```