



# OMPM2001 Result

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**SGI**  
**SGI 2100 4X 350MHz R12k**

SPECompMpeak2001 = --  
SPECompMbase2001 = 1004

SPEC license #HPG0014 | Tested by: SGI | Test site: | Test date: Jun-2001 | Hardware AvailJun-2000 | Software AvailMar-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Peak Runtime	Peak Ratio	
310.wupwise_m	6000	6014	998			
312.swim_m	6000	5707	1051			
314.mgrid_m	7300	7437	982			
316.applu_m	4000	4050	988			
318.galgel_m	5100	5197	981			
320.earthquake_m	2600	2266	1147			
324.apsi_m	3400	3494	973			
326.gafort_m	8700	8784	990			
328.fma3d_m	4600	4634	993			
330.art_m	6400	6711	954			
332.ammp_m	7000	7023	997			

### Hardware

CPU: R12000  
 CPU MHz: 350  
 FPU: Integrated  
 CPU(s) enabled: 4  
 CPU(s) orderable: 2,4,8  
 Primary Cache: 32KBI + 32KBD on chip  
 Secondary Cache: 4MB(I+D) off chip  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 4GB  
 Disk Subsystem: 1 x 9 GB SCSI, 2x 18 GB (striped)  
 Other Hardware: None

### Software

OpenMP Threads: 4  
 Parallel: --  
 Operating System: IRIX 6.5.10f  
 Compiler: MIPSpro 7.3.1.2m C, Fortran90  
 File System: xfs  
 System State: Multi-user

## Notes/Tuning Information

Baseline flags: -64 -mp -O2  
 Portability Flags:  
 318.galgel\_m: -fixedform -extend\_source  
 Baseline user environment:  
 limit stacksize 512m  
 OMP\_NUM\_THREADS=4  
 OMP\_DYNAMIC=FALSE  
 MPC\_GANG=OFF  
 \_DSM\_MUSTRUN=  
 \_DSM\_WAIT=SPIN