



# CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Hewlett-Packard Company  
hp workstation c3700

SPECint2000 = 604  
SPECint\_base2000 = 568

SPEC license #: 3 Tested by: HP Test date: Mar-2001 Hardware Avail: Jul-2001 Software Avail: Jul-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	277	505	275	509	
175.vpr	1400	231	607	231	607	
176.gcc	1100	141	783	139	794	
181.mcf	1800	386	466	376	479	
186.crafty	1000	155	647	155	647	
197.parser	1800	363	495	341	528	
252.eon	1300	252	516	216	601	
253.perlbnk	1800	340	529	285	632	
254.gap	1100	373	295	353	312	
255.vortex	1900	180	1056	170	1120	
256.bzip2	1500	316	474	278	540	
300.twolf	3000	383	783	368	815	

### Hardware

CPU: PA-8700  
CPU MHz: 750  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip  
CPU(s) orderable: 1  
Parallel: No  
Primary Cache: 768KBI + 1536KBD (on chip)  
Secondary Cache: none  
L3 Cache: none  
Other Cache: none  
Memory: 512MB  
Disk Subsystem: 1 x 18 GB LVD  
Other Hardware: --

### Software

Operating System: HP-UX 11.0  
Compiler: HP ANSI C 11.11.02  
HP aC++ C.03.30.1  
File System: HP-UX VxFS  
System State: Multi-user

## Notes/Tuning Information

Compiler invoked in extended ANSI mode: cc -Ae  
176.gcc: -DHOST\_WORDS\_BIG\_ENDIAN  
186.crafty: -DHP  
252.eon: -DFMAX\_IS\_DOUBLE  
253.perlbnk: -DSPEC\_CPU2000\_HP  
254.gap: -DSPEC\_CPU2000\_HP -DSYS\_IS\_USG -DSYS\_HAS\_IOCTL\_PROTO  
-DSYS\_HAS\_TIME\_PROTO -DSYS\_HAS\_CALLOC\_PROTO

### Base Flags:

C: +Oall +I/+P +Ostatic\_prediction -Wl,-aarchive  
C++: +O3 +I/+P +Ostatic\_prediction -Wl,-aarchive

Peak flags same as base for 175.vpr, 186.crafty

### Peak Flags:

All: +I/+P +Ostatic\_prediction -Wl,-a,archive  
164.gzip: +Oall +Optrs\_strongly\_typed +Oinline\_budget=800  
176.gcc: +Oall +ESlit +ESfic +Optrs\_strongly\_typed  
181.mcf: +Oall +Owhole\_program\_mode +Opromote\_indirect\_calls  
197.parser: +Oall +Odataprefetch +ESfic +Oinline\_budget=400  
+Owhole\_program\_mode  
252.eon: +noeh +O4 +Optrs\_strongly\_typed +Olibcalls



# CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Hewlett-Packard Company  
hp workstation c3700

SPECint2000 = 604  
SPECint\_base2000 = 568

SPEC license #: 3 Tested by: HP Test date: Mar-2001 Hardware Avail: Jul-2001 Software Avail: Jul-2001

## Notes/Tuning Information (Continued)

```
+Oentrysched +A +ESfic
253.perlbnk: +Oall +ESlit +ESfic +Optrs_strongly_typed
+Opromote_indirect_calls -Wl,/opt/langtools/lib/fastmem.o
254.gap: +Oall +ESlit +ESfic +Optrs_strongly_typed
+Opromote_indirect_calls
255.vortex: +Oall +Oinline_budget=800 +Optrs_strongly_typed
256.bzip2: +Oall +Odataprefetch +Optrs_strongly_types
+Owhole_program_mode +Onoptrs_to_globals +Oinline_budget=80
+ESlit +ESfic
300.twolf: +Oall +Optrs_strongly_typed
System tunables:
vps_pagesize 4096, vps_ceiling 4096
dbc_min_pct 15, dbc_max_pct 15
```