CINT2000 Result

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Hewlett-Packard Company

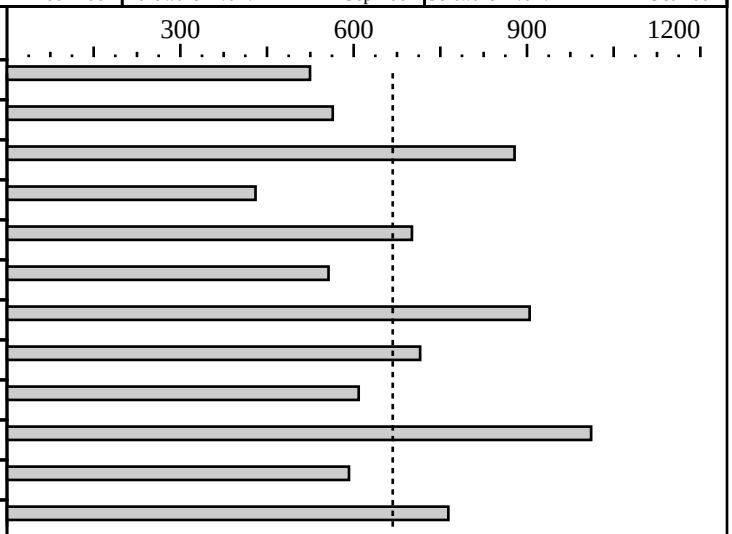
hp workstation zx2000 (900 MHz, Itanium 2)

SPECint2000 = --

SPECint_base2000 = 668

SPEC license #: 3 | Tested by: Hewlett-Packard | Test date: Jul-2002 | Hardware Avail: Sep-2002 | Software Avail: Oct-2002

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	267	524		
175.vpr	1400	248	564		
176.gcc	1100	125	878		
181.mcf	1800	418	430		
186.crafty	1000	143	701		
197.parser	1800	323	556		
252.eon	1300	144	905		
253.perlbmk	1800	252	715		
254.gap	1100	181	609		
255.vortex	1900	188	1011		
256.bzip2	1500	253	592		
300.twolf	3000	393	764		



Hardware

CPU:	Intel Itanium 2
CPU MHz:	900
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	no
Primary Cache:	16KBI + 16KBD (on chip) per CPU
Secondary Cache:	256KB (on chip) per CPU
L3 Cache:	1.5 MB (on chip) per CPU
Other Cache:	N/A
Memory:	2GB (4 * 512MB DIMMs)
Disk Subsystem:	1x36GB SCSI disk
Other Hardware:	N/A

Software

Operating System:	HPUX11i-TCOE B.11.22
Compiler:	HP C/ANSI C Compiler B.11.22
	HP aC++ Compiler B.11.22
	PHSS_27286: C product
	PHSS_27284: C++ product
	PHSS_27285: C++ library
	PHSS_27287: U2comp
	PHSS_27288: Linker
	PHSS_27291: PBO
	PHSS_27293: milli.a
	Caliper v2.1 www.hp.com/go/caliper
File System:	VxFS
System State:	Multi-user

Notes/Tuning Information

```
Portability Flags:
176.gcc     : -DHOST_WORDS_BIG_ENDIAN
181.mcf     : -DWANT_STDC_PROTO
186.crafty  : -DHP
252.eon     : -I. -DFMAX_IS_DOUBLE -DNDEBUG
253.perlbmk : -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:
  all       : +Oprofile=collect/+Oprofile=use
  C         : +Ofaster -exec -Wl,-aarchive_shared
  C++       : +Ofaster +inline_level 2 -minshared


Kernel Tunables:
```

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Notes/Tuning Information (Continued)

```
maxdsiz            0x7b03a000
maxdsiz_64bit   0x04000000000
maxssiz            0x10000000
maxssiz_64bit      0x40000000
vps_ceiling             16384
vps_pagesize             4096
swapmem_on                  0
dbc_max_pct                20
dbc_min_pct                20
```