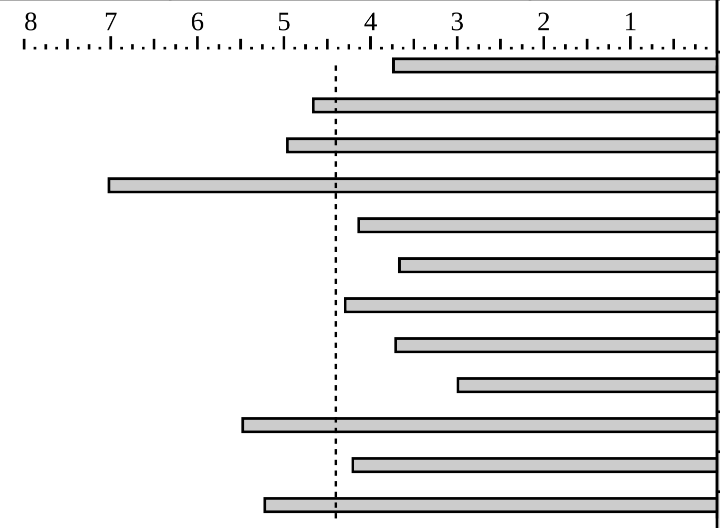
CINT2000 Result

Hewlett-Packard Company
hp server rx4610

SPECint_rate2000 = --

SPECint_rate_base2000 = 4.40

SPEC license #: 3	Tested by: HP Richardson	Test date: Aug-2001	Hardware Avail: Jun-2001	Software Avail: Aug-2001



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	435	3.74			
175.vpr	1	348	4.66			
176.gcc	1	257	4.96			
181.mcf	1	297	7.02			
186.crafty	1	280	4.14			
197.parser	1	569	3.67			
252.eon	1	351	4.29			
253.perlbmk	1	563	3.71			
254.gap	1	427	2.99			
255.vortex	1	403	5.48			
256.bzip2	1	414	4.20			
300.twolf	1	667	5.22			

Hardware

CPU:	Intel Itanium
CPU MHz:	800
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	2 to 4
Parallel:	No
Primary Cache:	16KBI + 16KBD (on die)
Secondary Cache:	96KB (on die)
L3 Cache:	4MB (off die, on CPU package)
Other Cache:	None
Memory:	8GB (32x256MB DIMMs)
Disk Subsystem:	1x36 GB SCSI
Other Hardware:	None

Software

Operating System:	HP-UX 11.20
Compiler:	HP C/ANSI B.11.20 HP aC++ Compiler C.05.03 PHSS_24461 - LIBCL general patch PHSS_24463 - Aries cumulative patch PHSS_24464 - Assembler cumulative patch PHSS_24465 - SIN cumulative library Patch PHSS_24466 - SIN product patch PHSS_24467 - u2comp product patch PHSS_24468 - libm cumulative patch PHSS_24469 - aCC library patch PHSS_24470 - aCC product patch PHSS_24471 - C dev cumulative patch PHSS_24472 - C-TOOLS cumulative patch PHSS_24513 - linker cumulative patch PHSS_24648 - unwind cumulative patch
File System:	VxFS
System State:	Multi-user

Notes/Tuning Information

```
Portability Flags:
175.vpr     : -DSPEC_CPU2000
176.gcc     : -DHOST_WORDS_BIG_ENDIAN
181.mcf     : -DWANT_STDC_PROTO
186.crafty  : -DHP -DSPEC_CPU2000
197.parser  : -DSPEC_CPU2000
252.eon     : -I. -DFMAX_IS_DOUBLE -DNDEBUG srcalt=stdcpp
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
300.twolf   : -DSPEC_CPU2000


Base Flags:
  C         : +I/+P +Ofaster -exec -Wl,-aarchive_shared
  C++       : +I/+P +Ofaster +inline_level 2

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                   2
dbc_min_pct                   2

One processor booted (boot vmunix -P1).
```