



CINT2000 Result

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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.perlbnk	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	Software
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	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.perlbnk  : -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:

Standard Performance Evaluation Corporation
 info@spec.org
 http://www.spec.org



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Notes/Tuning Information (Continued)

```
maxdsiz          0x7b03a000
maxdsiz_64bit    0x0400000000
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).