



CINT2000 Result

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Compaq Computer Corporation
DIGITAL Personal Workstation 500au

SPECint2000 = --
SPECint_base2000 = 161

SPEC license #: 2 | Tested by: Compaq NH | Test date: Nov-1999 | Hardware Avail: May-1997 | Software Avail: Feb-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	50 100 150 200 250				
164.gzip	1400	969	144						
175.vpr	1400	836	167						
176.gcc	1100	753	146						
181.mcf	1800	1461	123						
186.crafty	1000	560	179						
197.parser	1800	1456	124						
252.eon	1300	668	194						
253.perlbmk	1800	1051	171						
254.gap	1100	831	132						
255.vortex	1900	935	203						
256.bzip2	1500	879	171						
300.twolf	3000	1493	201						

Hardware

CPU: Alpha 21164
CPU MHz: 500
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 8KB(I)+8KB(D) on chip
Secondary Cache: 96KB on chip
L3 Cache: 2MB off chip
Other Cache: None
Memory: 384MB
Disk Subsystem: 2x2GB
Other Hardware: Ethernet

Software

Operating System: Tru64 UNIX V4.0F
Compiler: Compaq C X6.2-259-449AT
Compaq C++ V6.2-033-4298H
File System: ufs
System State: Multi-user

Notes/Tuning Information

Baseline C : ONESTEP cc -arch ev56 -fast GEMFB
C++: ONESTEP cxx -arch ev56 -O2

GEMFB: fdo_pre0 = mkdir /tmp/pb; rm -f /tmp/pb/\${baseexe}
PASS1_CFLAGS = -prof_gen_noopt -prof_dir /tmp/pb
PASS2_CFLAGS = -prof_use_feedback -prof_dir /tmp/pb

Portability: gcc: -Dalloca=__builtin_alloca; crafty: -DALPHA
perlbmk: -DSPEC_CPU2000_DUNIX; vortex: -DSPEC_CPU2000_LP64
gap: -DSYS_HAS_CALLOC_PROTO -DSYS_IS_BSD -DSYS_HAS_IOCTL_PROTO -DSPEC_CPU2000_LP64
The C compiler used here will be available to customers as V6.3
at <http://www.unix.digital.com/dtk/> . It will be available as an
ADK (Advanced Developers' Kit) in February, 2000 and as the final
version in July, 2000.