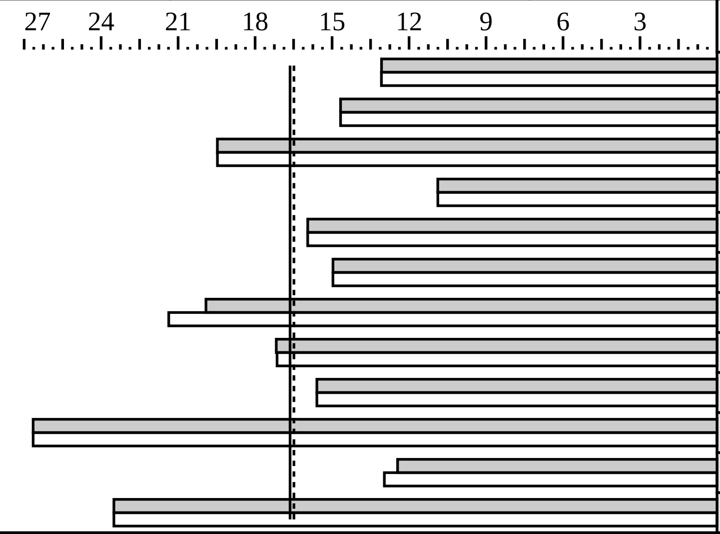
CINT2000 Result

IBM
4812-001 (2.0 GHz Pentium M)

SPECint_rate2000 = 16.6

SPECint_rate_base2000 = 16.5

SPEC license #: 11	Tested by: IBM, Rochester, MN	Test date: Aug-2004	Hardware Avail: Oct-2004	Software Avail: Oct-2004



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	497	13.1	4	497	13.1
175.vpr	4	443	14.7	4	443	14.7
176.gcc	4	262	19.5	4	262	19.5
181.mcf	4	768	10.9	4	768	10.9
186.crafty	4	291	15.9	4	291	16.0
197.parser	4	558	15.0	4	558	15.0
252.eon	4	303	19.9	4	282	21.4
253.perlbmk	4	486	17.2	4	487	17.1
254.gap	4	327	15.6	4	327	15.6
255.vortex	4	331	26.6	4	331	26.6
256.bzip2	4	559	12.4	4	537	13.0
300.twolf	4	592	23.5	4	592	23.5

Hardware

CPU:	Intel Pentium M 400/200 Mhz System/Memory buses
CPU MHz:	2000
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32K(I) micro-ops + 32KB(D) on chip
Secondary Cache:	2MB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	1 x 1024MB DDR200 Registered ECC
Disk Subsystem:	1 iSeries 2757-001 Disk IOA, 16 x 35.18GB 3516 15k RPM, unprotected.
Other Hardware:	4812 attached within iSeries 9406-810, cpu 25F0-000

Software

Operating System:	Windows Server 2003 Standard Edition Build 3790
Compiler:	Intel C++ Compiler 8.0 (20031017Z) Microsoft Visual Studio .NET (7.0.9466)
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
PORTABILITY FLAGS
  176.gcc:     -Dalloca=_alloca /F10000000
  186.crafty:  -DNT_i386
  253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
  254.gap:     -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
FEEDBACK DIRECTED OPTIMIZATION
  ONESTEP=yes
BASE TUNING
  C:           -QxW -Qipo -O3 +FDO
  C++:         -QxW -Qipo -GX -GR
PEAK TUNING
  164.gzip:    -QxW -Qipo -Oa -O3 +FDO
  175.vpr:     -QxW -Qipo     -O3 +FDO
  176.gcc:     -QxW -Qipo     -O3 +FDO
  181.mcf:     -QxW -Qipo     -O3 +FDO
  186.crafty:  -QxW -Qipo     -O3 +FDO
  197.parser:  -QxW -Qipo     -O3 +FDO
```

Notes/Tuning Information (Continued)

```
    252.eon:     -QxW -Qipo     -O3 +FDO
    253.perlbmk: -QxW -Qipo     -O3 +FDO
    254.gap:     basepeak=yes
    255.vortex   basepeak=yes
    256.bzip2:   -Qipo -Oa -Qunroll1 +FDO
    300.twolf:   basepeak=yes
  EXTRA LIBRARIES
 This system is a fully contained Intel based processor board.
 It supports all non-PCI devices directly on the board e.g
  memory, keyboard, mouse, display.
 It attaches to the system as another PCI device.  The Windows
 OS is provided PCI device drivers to allow the system to use
 the PCI devices attached to the host iSeries system.  The host
 OS then supports the use by Windows of the devices such as disks.

 More information about the xSeries board in iSeries systems can
 been found at http://www.ibm.com/servers/eserver/iseries/library
 In particular, there is a Redbook available titled:
 "Microsoft Windows Server 2003 Integration with iSeries"
 that provides lots more detailed information.
```