

Vendor: NeXT Computer, Inc

Tue Nov 23 15:55:36 CST 1993

Model: NeXTStation Mono
CPU: Motorola 68040
ClockSpeed: 25Mhz
Harddrive: 346M
VideoDriver: NeXT Default
VideoHardware: NeXT Proprietary
VideoRes: 1180x832/2bit mono

Mach kernel version:

NeXT Mach 3.1: Fri Apr 30 08:31:15 PDT 1993;
root(rcbuilder):mk-149.22.3.obj~2/RC_m68k/RELEASE_M68K

Kernel configured for a single processor only.
1 processor is physically available.
Processor type: MC680x0 (68040)
Processor speed: 25 MHz
Processor active: 0
System type: 1
Board revision: 0x1
Primary memory available: 20.00 megabytes.
Default processor set: 47 tasks, 77 threads, 1 processors
Load average: 0.25, Mach factor: 0.81

Tensor Information Systems "BenchPress"

System Information

CPU : 1 Motorola 68040 Hostname : violet Memory Size : 20 MB

Check the boxes for the tests to be run.

Select All Tests Read Me Clear All Tests

Display PostScript Drawing

| | | |
|---------------------|-------------------------------------|--------|
| Animate Tensor Logo | <input checked="" type="checkbox"/> | 87.78 |
| Draw Color Ramps | <input checked="" type="checkbox"/> | 111.22 |
| Draw Polygons | <input checked="" type="checkbox"/> | 504.35 |
| Draw Lines | <input checked="" type="checkbox"/> | 190.96 |
| Text Manipulation | <input checked="" type="checkbox"/> | 62.95 |

Display Postscript Imaging

| | | |
|---------------------|-------------------------------------|--------|
| Image Scaling | <input checked="" type="checkbox"/> | 12.85 |
| Image Decompression | <input checked="" type="checkbox"/> | 46.39 |
| Image Compositing | <input checked="" type="checkbox"/> | 385.35 |

CPU Benchmarks

| | | |
|----------------|-------------------------------------|--------|
| Dhrystone | <input checked="" type="checkbox"/> | 100.79 |
| Floating Point | <input checked="" type="checkbox"/> | 99.72 |
| Integer | <input checked="" type="checkbox"/> | 99.66 |
| Trigonometric | <input checked="" type="checkbox"/> | 3.72 |

Disk I/O

| | | |
|------------------|-------------------------------------|--------|
| Seeking | <input checked="" type="checkbox"/> | 105.88 |
| Writing | <input checked="" type="checkbox"/> | 129.35 |
| Sequential Reads | <input checked="" type="checkbox"/> | 93.00 |
| Random Reads | <input checked="" type="checkbox"/> | 86.82 |


Threads

50 Threads
100 Threads

Begin Test

**All results are relative to 100.00 Tensors which equals a
25 MHz NeXTstation Color
with 32MB Ram and 400MB Hard Disk**

Drive Performance

| % | Test | Index | kb/sec |
|---|--------------|-------------|--------|
|  | Write | 1.3 | 952 |
| | Read | 0.4 | 404 |
| | Index | 0.83 | |

Consider your drive fast when index > 0.8

START

NeXTSTEP Benchmark Suite

dhrystone 2.1 **26155** dhrystones/s
16.60635 VAX Mips

NXFactor 2.0 **1.042025** NXFactor





| line | arc/bezier | fill | transform | composite | userpath | text | window |
|---------|------------|---------|-----------|-----------|----------|---------|---------|
| 1.02809 | 1.02829 | 1.06302 | 1.04575 | 1.04664 | 0.97908 | 1.03848 | 1.10682 |