

4. Performance Testing

System Information:

| | | | |
|----------------------|--|--|--|
| DRAM Type & Capacity | Siemens 32MBX2 | | |
| VGA Card | OnBoard (C&T 65550) | | |
| HDD TYPE | Seagate ST51270A(Mode4) | | |
| VGA Testing Mode | 600X 800X 256 colors (For WinStone & WinBench) | | |
| O.S. | DOS V 6.22 & Windows 95 | | |

Operating System Environment (DOS Only)

| | |
|---|---|
| Config.sys | Autoexec.bat |
| Device=c:\dos\himem.sys dos=high files=35 Buffers=40 | Prompt \$p\$g c:\dos\smartdrv.exe /x |

Testing Software

| Testing Utility | CPU Configuration | | | | | | Unit |
|--|-------------------|-------------|---------------|-------------|------------|--------------|---------|
| | INTEL P-166 | INTEL P-200 | INTEL P200MMX | CYRIX P-200 | AMD K6-200 | AMD K6-2 300 | |
| LandMark Speed 2.0 | | | | | | | |
| CPU | 958.72 | 1150.48 | 1304.14 | 2044.62 | 1809.67 | 3020.36 | Mhz |
| FPU | 3218.40 | 3862.15 | 3987.28 | 3256.95 | 1968.15 | 4712.51 | Mhz |
| VIDEO | 6922 | 7504 | 6922 | 6971 | 8474 | 7072 | Chs/sec |
| Norton 8.0 SI | 526.3 | 631.6 | 676.6 | 1183.5 | 1018.1 | 5052.2 | ID |
| Power Meter 2.02 | 81.3 | 98.1 | 98.1 | 149.7 | 101.6 | 218.8 | Mips |
| WinStone 96 1.0 | 79.6 | 84.9 | 88.8 | 94.4 | 84.8 | 94.4 | |
| WinBench 96 | | | | | | | |
| Graphic WinMark 96 | 17.3 | 19.6 | 22.9 | 23.5 | 21.1 | 32.2 | MP/s |
| CPUmark 16 | 301 | 366 | 379 | 413 | 337 | 487 | |
| CPUmark 32 | 290 | 375 | 363 | 500 | 341 | 527 | |
| Coretest 302 | | | | | | | |
| DTR (Buffered Read) | 13312 | 13312 | 13360 | 13744 | 12576 | 15008 | KB/sec |
| Performance ID | 84.52 | 84.68 | 84.85 | 87.09 | 80.19 | 94.08 | |
| Power consumption (+5V in normal mode) | 3.46 | 4.11 | 4.29 | 5.45 | 7.08 | | A |
| Note | | | | | | | |