

| <b>Diskldee: AMD Athlon XP 3200+ versus Intel Pentium 4 3,2 GHz</b>                    |  |                                    |                         |
|--|--|------------------------------------|-------------------------|
| <i>Info &amp; prestaties</i>   |  |                                    |                         |
| Processor type en merk   | AMD Athlon XP 3200+  | AMD Athlon XP 3000+                | Intel Pentium 4 3,2 GHz |
| Kloksnelheid (MHz)   | 2200 MHz   | 2167 MHz                           | 3200 MHz                |
| L2 cache   | 512 KB   |                                    | 512 KB                  |
| Socket   | Socket 462 (Socket-A)  |                                    | Socket 478              |
| Front Side Bus (MHz)   | 400 MHz  |                                    | 800 MHz                 |
| <b>Testcomponenten</b>   |  |                                    |                         |
| <b>Gemeenschappelijke componenten</b>  |  |                                    |                         |
| grafische kaart  | nVidia GeForce4 Ti 4600, 4x AGP, 128 MB (DetonatorFX v44.03)   |                                    |                         |
| harde schijf   | IBM Deskstar 180GXP, 180 GB, 7200 tpm, 2 MB cache, UDMA/100    |                                    |                         |
| intern geheugen  | 2x 256 MB DDR PC3200 (400 MHz), Corsair XMS TwinX LL, CAS2/2.5 |                                    |                         |
| besturingssysteem  | MS Windows XP Pro NL, Service Pack 1a, DirectX 9.0a            |                                    |                         |
| <b>Overige componenten</b>   |  |                                    |                         |
| Moederbord   | Asus A7N8X Deluxe v2.0 (bios: 1004.A)                          | Aopen AX4C+ Max (bios: 1.04a beta) |                         |
| Chipset  | nVidia nForce2 (v2.41 drivers)                                 |                                    | Intel 875P              |
| <b>Prestaties</b>  |  |                                    |                         |
| BAPCo Sysmark 2002 (1024x768/16)   | 333 MHz DDR  |                                    | Corsair Value           |
| Internet Content Creation  | 330  | 331                                | <b>460</b>              |
| Office Productivity  | 208  | 205                                | <b>225</b>              |
| officiële score  | 262  | 260                                | <b>322</b>              |
| <b>FutureMark 3D Mark 2001 SE build 330 (DirectX 8, Hyper-Threading uitgeschakeld)</b> |  |                                    |                         |
| 1024x768/32  | 13997  | 13334                              | <b>14920</b>            |
| <b>FutureMark 3D Mark 2003 build 330 (DirectX 9)</b>                                   |  |                                    |                         |
| 1024x768/32  | 1731   | 1714                               | <b>1755</b>             |
| CPU score  | 649  | 594                                | <b>724</b>              |
| Processor score 1 (fps)  | 69   | 63,2                               | <b>74,7</b>             |
| Processor score 2 (fps)  | 12,1   | 11,1                               | <b>13,9</b>             |
| <b>FutureMark PC Mark 2002</b>   |  |                                    |                         |
| Processor  | 6780   | 6614                               | <b>7940</b>             |
| Geheugen   | 5872   | 5323                               | <b>8926</b>             |
| <b>Adobe Premiere 6.5 (lager is beter)</b>   |  |                                    |                         |
| AVI => QuickTime 5 conversie (s)   | 282  | 292                                | <b>239</b>              |
| <b>Quake III Arena demo (OpenGL, high quality setting, timedemo 1, fps)</b>            |  |                                    |                         |
| 640x480/16   | 310,6  | 286,2                              | <b>424,9</b>            |
| 1024x768/32  | 275,5  | 261,7                              | <b>312,4</b>            |
| 1600x1200/32   | <b>153,7</b>   | 153,4                              | 151,4                   |
| <b>Serious Sam II (Direc3D, quality setting, little trouble demo, fps)</b>             |  |                                    |                         |
| 640x480/16   | <b>127,9</b>   | 121,4                              | 101,9                   |
| 640x480/16 (OpenGL)  | <b>184,9</b>   | 181,2                              | 183,7                   |
| 1024x768/32  | <b>96,1</b>  | 93,6                               | 84                      |
| 1600x1200/32   | <b>55,1</b>  | 53,8                               | 50,9                    |
| <b>SPECviewperf 6.1.2 (OpenGL, 1024x768/16, fps)</b>                                   |  |                                    |                         |
| awadv0-04  | <b>173,8</b>   | 169,7                              | 116                     |
| drv-07   | <b>42,99</b>   | 37,62                              | 36,06                   |
| dx-06  | <b>62,64</b>   | 61,11                              | 36,15                   |
| light-04   | 16,45  | 15,14                              | <b>17,32</b>            |
| medmcad-01   | 81,89  | 72,22                              | <b>95,86</b>            |
| procdrs-03   | <b>23,9</b>  | 23,32                              | 23,56                   |
| <b>SPECviewperf 7.1 (OpenGL, 1024x768/32, fps)</b>                                     |  |                                    |                         |
| 3dsmax-02  | <b>11,58</b>   | 11,43                              | 9,486                   |
| drv-09   | 58,64  | 56,44                              | <b>60,4</b>             |
| dx-08  | <b>59,88</b>   | 58,78                              | 28,03                   |
| light-06   | <b>15,07</b>   | 14,47                              | 14,14                   |
| proe-02  | 10,62  | 10,04                              | <b>10,65</b>            |
| ugs-03   | 5,442  | 5,223                              | <b>5,496</b>            |
| <b>SiSoft Sandra 2003 standard</b>   |  |                                    |                         |
| <b>CPU arithmetic</b>  |  |                                    |                         |
| Dhrystone ALU (MIPS)   | 8208   | 8075                               | <b>8257</b>             |
| Whetstone FPU (MFLOPS)   | 3310   | 3247                               | <b>6233</b>             |
| <b>CPU multimedia</b>  |  |                                    |                         |
| integer aEMMX/aSSE (it/s)  | 12103  | 11973                              | <b>14863</b>            |
| floating-point aSSE (it/s)   | 12959  | 12782                              | <b>23691</b>            |
| <b>Memory bandwidth</b>  |  |                                    |                         |
| RAM int buffered (MB/s)  | 2880   | 2434                               | <b>4844</b>             |
| RAM float buffered (MB/s)  | 2705   | 2329                               | <b>4844</b>             |
| <b>Settings:</b>   |  |                                    |                         |
| Vsync en geluid uitgeschakeld  |  |                                    |                         |
| automatische updates uitgeschakeld   |  |                                    |                         |
| geen visuele verbeteringen in Windows XP   |  |                                    |                         |