
Subject: Sun vs PC Linux - Anyone making the shift?
Posted by [Michael Lefsky](#) on Mon, 11 Feb 2002 18:23:19 GMT
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<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<HTML><HEAD>
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<META content="MSHTML 5.50.4207.2601" name=GENERATOR>
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<BODY>
<DIV>Well, my grant just through the university's processing and I am already to
purchase my new machine, but I am undecided as to what platform to purchase. My
most&nbsp;computationally intensive work will be in IDL and so I want to
maximize the speed (and stability) that it runs at. I also want to work on a
unix platform. I recently tested a close twin to the machine I want (I want the
Sun Blade 1000 with 2 x 900 processors, the machine I tested is a SB1000 with 2
x 450 processors), on the IDLSPEC2 benchmark (which I know is flawed, but is the
best available), with these results:</DIV>
<DIV>&nbsp;</DIV>
<DIV><A name=IS2_37><B><FONT color=#ff0000>Rank:37&nbsp;<IDLSpecMark:
1.556</FONT></B></A><BR><B><FONT color=#000099>Sun Blade 1000&nbsp;<2x450MHz
2048MB&nbsp;<&nbsp;<&nbsp;<none></FONT></B><BR><A
href="mailto:lefsky@fsl.orst.edu">lefsky@fsl.orst.edu</A><BR>Fri Jan 25 08:54:31
2002<BR>Video: &lt;unavail&gt;&nbsp;<FONT color=#b23aee>(DirectColor
24)</FONT><BR>sparc:sunos:unix:5.4:Sep 25 2000<BR>Time_Test3 (no I/O)
=&gt;arith: 0.225s (<FONT color=#009900> 1.936</FONT>) geom: 0.199s (<FONT
color=#009900> 1.854</FONT>)<BR>Graphics_Times3 =====&gt;arith: 0.546s (<FONT
color=#009900> 1.612</FONT>) geom: 0.328s (<FONT color=#009900>
1.974</FONT>)<BR>IO_Test: 0.575s (<FONT color=#009900> 0.797</FONT>)</DIV>
<DIV>&nbsp;</DIV>
<DIV>The fastest PC unix machine :</DIV>
<DIV>&nbsp;</DIV>
<DIV><A name=IS2_7><B><FONT color=#ff0000>Rank: 7&nbsp;<IDLSpecMark:
3.036</FONT></B></A><BR><B><FONT color=#000099>Home-built Athalon&nbsp;<
2x1200MHz 1024MB&nbsp;<&nbsp;< RH Linux 7.2</FONT></B><BR><A
href="mailto:tclement@checont1.ucsd.edu">tclement@checont1.ucsd.edu</A><BR>Wed
Nov&nbsp;< 7 18:12:43 2001<BR>Video: ATI Rage 128&nbsp;<FONT
color=#b23aee>(TrueColor 24)</FONT><BR>x86:linux:unix:5.5:Aug 28
2001<BR>Time_Test3 (no I/O) =&gt;arith: 0.126s (<FONT color=#009900>
3.444</FONT>) geom: 0.102s (<FONT color=#009900>
3.625</FONT>)<BR>Graphics_Times3 =====&gt;arith: 0.371s (<FONT color=#009900>
2.377</FONT>) geom: 0.192s (<FONT color=#009900> 3.377</FONT>)<BR>IO_Test:
0.206s (<FONT color=#009900> 2.219</FONT>)</DIV>
<DIV>&nbsp;</DIV>
<DIV>The fastest PC:</DIV>
<DIV>
<DIV><A name=IS2_3><B><FONT color=#ff0000>Rank: 3&nbsp;<IDLSpecMark:
```
