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Subject: Re: looking for people with Venix on PC/ATs  
Posted by [Anonymous](#) on Wed, 13 Mar 1985 21:57:10 GMT  
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Originally posted by: modl&#64whuts.UUCP (SMITH)

Article-I.D.: whuts.114

Posted: Wed Mar 13 16:57:10 1985

Date-Received: Thu, 14-Mar-85 06:17:29 EST

References:

Organization: AT&T Bell Laboratories

Lines: 82

> I have VENIX running on my AT, and in fact wrote the Hard Disk driver  
> which is used by VENIX. Some responses to your questions follow:  
>  
>> I have recently acquired Venix for the PC/AT and have run into a few problems,  
>> and was wondering if others out there (there MUST be others :- ) ) had run  
>> into them as well....  
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>> year is always 1970  
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>> 2) awk(1) does not handle the BEGIN pattern correctly..it hangs the process  
> Sorry- I avoid using awk on any machine. It's too slow even when it works.  
>  
>> 3) curses(3) routine getstr does not return when RETURN pressed..have to  
>> hit ^J (that took a while to stumble into)  
> You probably want to use CBREAK rather than RAW mode.  
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>> 4) awk(1) does not handle this type of command line properly:  
>> awk -f prog filename  
>> it just hangs there  
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>> Some observations:  
>> 1) though I could not find it anywhere in the manuals, I have discovered  
>> that kill -2 1 causes /etc/ttys to be re-read..sure beats re-booting as  
>> the manual's way to re-configure your ports  
> This is the historic method used by V7 derivatives.  
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>> 2) arbitrary-length reads directed at a tty in raw mode  
>> block until the number of characters  
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>> see, and not well marked.  
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>>  _filbuf does a read of BUFSIZ. cute
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> uucp that want to read 64 bytes RAW, and need all of them before anything
> can be done.
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>>  3) performance is pretty good
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>>  Has anyone put the floating point processor in? how does venix live with it?
>>  How about the AST Advantage card??? Anyone with it?
>>  And of course, the 64 dollar question, what about second source hard disks?
> I haven't been able to get the FPP, but it does work on machines that have it.
> I have an Advantage card in my machine, and am about to load it up with those
> $8.00 256K RAM chips that are now available. As far as second source hard
> disks and VENIX go, here's the poop: If the disk matches one of IBM's disk
> types as listed in the TR, fine. If it doesn't, you'll need a later version
> of my disk driver, that can handle 'odd ball' disks. In particular, the
> Maxtor-140 is one of these.
>
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>>  I would appreciate hearing from those hearty souls who are running Venix
>>  on a PC/AT....
>>
>>  as they say, thanks in advance
>> --
>>  Jerry J. Deroo
>>  {allegro,ihnp4,linus,decvax}!utzool!jerry
>
> One further bit of advice: Pop for the $1.59 and get a 15Mhz crystal for
> the AT. The 15Mhz seems to work well, and even though it runs the 80286
> over spec, it won't be running the 80287 over spec. The 286 will be running
> at 7.5Mhz and the 287 will be running at 5Mhz. I think this is
> a reasonable compromise. With a 15Mhz crystal, the 80286 out benchmarks
> a 10Mhz 68010 when running the drystone benchmark (balanced statement
> mix, variable types, but no floating point or disk).
>
> --
>  Rick Richardson, PC Research, Inc.
>
>  {genrad|ihnp4|ima}!wjh12!talcott!sesame!{rick|pcrat!rick}
>  {cbosgd|harvard}!talcott!sesame!{rick|pcrat!rick}
>  rick%sesame@harvard.ARPA

```

I'm currently running an AT with a 80287 and 512K, but no hard disk. Could you give me a source for a 15Mhz crystal? Sure would appreciate it.

Max Robin AT&T BellLabs

ZZ

\*\*\* REPLACE THIS LINE WITH YOUR MESSAGE \*\*\*

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Subject: looking for people with Venix on PC/ATs  
Posted by [Anonymous](#) on Mon, 23 Sep 2013 21:31:52 GMT  
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Originally posted by: jerry&#64utzoo.UUCP (Jerry J. Deroo)

Message-ID:  
Date: Tue, 5-Mar-85 23:31:44 EST  
Article-I.D.: utzoo.5173  
Posted: Tue Mar 5 23:31:44 1985  
Date-Received: Tue, 5-Mar-85 23:31:44 EST  
Organization: U of Toronto Zoology  
Lines: 37

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Jerry J. Deroo  
{allegro,ihnp4,linus,decvax}!utzo!jerry

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Subject: Re: looking for people with Venix on PC/ATs  
Posted by [Anonymous](#) on Mon, 23 Sep 2013 21:33:05 GMT  
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Originally posted by: rick&#64sesame.UUCP (Rick Richardson)

Message-ID:

Date: Thu, 7-Mar-85 21:43:04 EST

Article-I.D.: sesame.161

Posted: Thu Mar 7 21:43:04 1985

Date-Received: Mon, 11-Mar-85 05:28:01 EST

References:

Organization: Free-Access Unix in Boston

Lines: 75

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rick%sesame@harvard.ARPA