
Subject: N* Advantage = Dumb terminal?

Posted by [rbloom](#) on Mon, 10 Nov 1986 14:04:33 GMT

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I'm trying to use my NorthStar Advantage (a all-in-one computer) as a dumb terminal to a TurboDOS system. The problem is that every commo package I've tried so far is too slow for any speeds higher then 1200 baud or so. I want 4800 baud minimum, 9600 baud desired. (19.2k? dream mode on)

I don't need *any* facilities in the way of file handling, just a basic terminal with editing (cursor control, clear screen, insert/delete line, inverse video - which are all provided by the video driver anyway.)

The modem7/mex overlays are not fast enough - or more properly, the computer does not execute the video driver bdos/bios calls fast enough. The effect is characters are lost, most commonly one or two after a linefeed. The 'host' TurboDOS does recognise the DTR line and stops output accordingly if DTR drops. The Advantage i/o also can be interrupt driven (but is not under cp/m).

I've written a tiny commo program that does nothing but ship characters to/from the modem port from/to the console output/input via IN/OUT and bdos func 6. All my attempts to control DTR to avoid character loss has been unsuccessful. (I don't know how to write a interrupt-driver or I would have tried that too.)

So, has anyone tried/done a hack for the Advantage to allow serial i/o at speed above 2400 baud? My normal dealer says max is 1200 baud and won't help further. With a cooperating host (i.e. acknowledges the DTR line) I'm sure higher speeds are possible. But how?

bob