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Entry Number:
Title: **NEXTSTEP Serial Port Connectivity**
Entry Date: **9 June 1993**

Product Vendor: **NeXT Computer Inc.**
Vendor Contact Information:

Hardware Platform: **Intel Processor Family**
Reported in Software Version: **NEXTSTEP Release 3.1**
Keywords: **Serial, Port, Connectivity**

Usage Commentary:

NEXTSTEP Release 3.1 currently supports two serial ports. These ports can be used to connect modems, mice, laptops, terminals and other peripherals.

The serial driver in Release 3.1 for Intel Processors utilizes the FIFO buffer on a 16550 high speed serial controller chip.

Setup and Installation:

Use the hardware or software tools provided with your system to configure the first serial port to IRQ 4, port 0x3f8 and the second serial port to IRQ 3, port 0x2f8.

Known Problems:

- The Release 3.1 serial port driver may become unreliable at speeds above 19,200 baud. A bug in this driver may cause your computer to crash when serial port activity goes above an undetermined threshold.