



**Note:** This IBM PC BIOS API call is for DOS/Win16 personality only. Use [Family API](#) for portability.

**Note:** [osFree Macro Library](#) provides macros for most of functions

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## @AuxInit

### Brief

Initialize serial port

### Syntax

```
@AuxInit port, settings
```

### Parameters

- port (WORD) - port number
- settings (BYTE) - port settings

Baud rates is passed in the high order 3 bits as follows:

```
000 = 110 baud
001 = 150  ''
010 = 300  ''
011 = 600  ''
100 = 1200 ''
101 = 2400 ''
110 = 4800 ''
111 = 9600 ''
```

Bits 4-3 define parity:

```
0 0      no parity
1 0      no parity
0 1      odd  parity
1 1      even parity
```

Bit 2 defines stop bits:

0	1 stop bit;
1	2

Bits 1-0 character length:

1 0	7 bits
1 1	8 bits

## Return

- AX - port status

From:  
<http://www.osfree.org/doku/> - **osFree wiki**

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