



**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

2022/03/13 05:41 · prokushev · [0 Comments](#)

## @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.su/doku/> - **osFree wiki**

Permanent link:  
<http://www.osfree.su/doku/doku.php?id=en:docs:macrolib:auxinit&rev=1649940253>

Last update: **2022/04/14 12:44**

