



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)

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:

<https://www.osfree.ru/doku/> - **osFree wiki**

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