



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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@PutCh/@PutChar

Version

IBM 5150 and higher

Brief

Print Char

BIOS Interrupt

[INT10H: 0AH](#)

Family API

[VioWrtNCell](#) [VioWrtNAttr](#) [VioWrtNChar](#)

Syntax

```
@PutCh char, atrib, page, repeat
```

Parameters

- char (BYTE) - code of character
- atrib (BYTE) - optional character attribute
- col (BYTE) - column
- row (BYTE) - row
- page (BYTE) - optional video page number

Return

| IBM PC BIOS API | |
|------------------------|---|
| Video I/O | INT 10H: 00H, 01H, 02H, 03H, 05H, 06H, 07H, 08H, 09H, 0AH, 0BH, 0CH, 0DH, 0EH, 0FH |
| Hardware info | INT 11H, INT 12H |
| Serial I/O | INT 14H: 00H, 01H, 02H, 03H |
| Tape I/O | INT 15H: 00H, 01H, 02H, 03H |
| Keyboard I/O | INT 16H: 00H, 01H, 02H |
| Printer I/O | INT 17H: 00H, 01H, 02H |
| Disk I/O | INT 13H: 00H, 01H, 02H, 03H, 04H, 05H |
| Date and Time | INT 1AH: 00H, 01H |

| osFree Macro Library | |
|-----------------------------|--|
| Video I/O | @SetMode @SetCurSz @SetCurPos @GetCur @SetPage @ScrollUp @ScrollDn @Scroll @GetChAtr @PutChAtr @PutCh @SetPalet @SetColor @SetDot @GetDot @WrtTTY @VideoState @GetMode @GetDisplay @GetVideoState @GetEGAInfo @Cls |
| Hardware info | @Equipment @MemSize |
| Serial I/O | @AuxInit @AuxSendChar @AuxRecieveChar @AuxStatus |
| Tape I/O | @TapeOn @TapeOff @TapeRead @TapeWrite |
| Keyboard I/O | @KbdStatus @CharIn @CharPeek |
| Printer I/O | @PrnPrint @PrnInit @PrnStatus |
| Disk I/O | @DskReset @DskStatus @DskRead @DskWrite @DskVerify @DskFormat |
| Date and Time | @SetTime @GetTime |
| Mouse | @MouInit @MouShowPointer @MouStatus @MouSetPos @MouSetMickey @MouRegion |
| Memory manager | @ModBlok SET_BLOCK |

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