



**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](#)

## BIOS API

All registers saved on entry and restores on return

### BIOS Interrupts

Interrupt vector	Description	Version
<a href="#">10H</a>	Video I/O	5150+
<a href="#">11H</a>	Equipment	5150+
<a href="#">12H</a>	Memory size	5150+
<a href="#">13H</a>	Diskette I/O	5150+
<a href="#">14H</a>	RS232 I/O	5150+
<a href="#">15H</a>	Cassette I/O	5150+
<a href="#">16H</a>	Keyboard I/O	5150+
<a href="#">17H</a>	Printer I/O	5150+
<a href="#">18H</a>	ROM BASIC	5150+
<a href="#">19H</a>	Bootstrap	5150+
<a href="#">1AH</a>	Time and date	5150+

IBM PC BIOS API	
Video I/O	<a href="#">INT 10H</a> : 00H, 01H, 02H, 03H, 05H, 06H, 07H, 08H, 09H, 0AH, 0BH, 0CH, 0DH, 0EH, 0FH
Hardware info	<a href="#">INT 11H</a> , <a href="#">INT 12H</a>
Serial I/O	<a href="#">INT 14H</a> : 00H, 01H, 02H, 03H
Tape I/O	<a href="#">INT 15H</a> : 00H, 01H, 02H, 03H
Keyboard I/O	<a href="#">INT 16H</a> : 00H, 01H, 02H
Printer I/O	<a href="#">INT 17H</a> : 00H, 01H, 02H
Disk I/O	<a href="#">INT 13H</a> : 00H, 01H, 02H, 03H, 04H, 05H
Date and Time	<a href="#">INT 1AH</a> : 00H, 01H
osFree Macro Library	
Video I/O	<a href="#">@SetMode</a> <a href="#">@SetCurSz</a> <a href="#">@SetCurPos</a> <a href="#">@GetCur</a> <a href="#">@SetPage</a> <a href="#">@ScrollUp</a> <a href="#">@ScrollDn</a> <a href="#">@Scroll</a> <a href="#">@GetChAtr</a> <a href="#">@PutChAtr</a> <a href="#">@PutCh</a> <a href="#">@SetPalet</a> <a href="#">@SetColor</a> <a href="#">@SetDot</a> <a href="#">@GetDot</a> <a href="#">@WrtTTY</a> <a href="#">@VideoState</a> <a href="#">@GetMode</a> <a href="#">@GetDisplay</a> <a href="#">@GetVideoState</a> <a href="#">@GetEGAInfo</a> <a href="#">@Cls</a>
Hardware info	<a href="#">@Equipment</a> <a href="#">@MemSize</a>
Serial I/O	<a href="#">@AuxInit</a> <a href="#">@AuxSendChar</a> <a href="#">@AuxRecieveChar</a> <a href="#">@AuxStatus</a>
Tape I/O	<a href="#">@TapeOn</a> <a href="#">@TapeOff</a> <a href="#">@TapeRead</a> <a href="#">@TapeWrite</a>

<b>osFree Macro Library</b>	
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

2022/10/04 14:28 · prokushev · 0 Comments

2022/03/13 05:54 · prokushev · 0 Comments

<b>Family API</b>		
DOS	Process Manager	DosBeep DosExit DosSleep DosExecPgm
	File Manager	DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove DosQCurDir DosQCurDisk DosSetFileMode DosOpen DosQFileInfo DosRead DosQFileMode DosQFSInfo DosQVerify DosRmdir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSetFileInfo DosSetVerify DosWrite DosFileLocks DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo DosShutdown
	Memory Manager	DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAllocHuge DosAllocSeg DosReallocHuge DosReallocSeg DosGetHugeShift DosCreateCSAlias
	NLS	DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate DosGetMessage DosInsMessage DosPutMessage
	Date and Time	DosSetDateTime DosGetDateTime
	Devices	DosDevConfig DosDevIOctl DosDevIOctl2
	Signals	DosHoldSignal DosSetSigHandler
	Misc	BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass DosSetVec
KBD	KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek	
VIO	VioGetBuf VioGetConfig VioGetCurPos VioGetCurType VioGetPhysBuf VioReadCellStr VioReadCharStr VioScrollUp VioScrollDn VioScrollLf VioScrollRt VioScrUnLock VioSetCurPos VioSetCurType VioSetMode VioGetMode VioShowBuf VioWrtCellStr VioWrtCharStr VioWrtCharStrAtt VioWrtNAttr VioWrtNCell VioWrtNChar VioWrtTTY VioScrLock VioPopUp	
Tools	BIND	
Modules	DOSCALLS.DLL VIOCALLS.DLL KBDCALLS.DLL MSG.DLL	
Libraries	API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB	

2018/08/25 15:05 · prokushev · 0 Comments

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

Permanent link: <https://osfree.org/doku/doku.php?id=en:docs:bios:api&rev=1648310037>

Last update: **2022/03/26 15:53**

