

ZBIOS POST codes

EBh	Start power on self test.
01h	CPU flags test.
02h	CPU register test.
03h	Disable NMI, DMA channels, interrupt controller, speaker, parity checkers and video. Reset FPU and port 92h fast reset bit.
04h	Disable all primary PCI bus devices.
05h	Set DS and ES to 4GB segments with base 0.
06h	Initialize chipset.
07h	Initialize and setup DRAM.
08h	Test and initialize base 64K memory.
09h	Setup stack.
0Ah	Copy BIOS to shadow ram.
0Bh	Initialize CPU and enable L1 cache.
0Ch	Verify BIOS checksum.
0Dh	Initialize board I/O.
DBh	Initialize PDREMOTE/ROM kernel if debugging BIOS.
0Eh	Initialize monochrome display if present.
0Fh	Test timer registers.
10h	Test CMOS shut down status register.
11h	Test DMA address and count registers.
12h	Test DMA page registers.
13h	Initialize and test interrupt controllers.
14h	Test keyboard controller (8042).
15h	Initialize timer chip.
16h	Initialize real time clock.
17h	Test refresh clock.
18h	Optimize chipset timings.
19h	Initialize DMA controllers.
1Ah	Initialize interrupt vector table and enable interrupts.
1Bh	Call OEM initialization hook 1.
1Ch	Initialize and scan ISA bus.
1Dh	Initialize and scan PCI bus.
1Eh	Call OEM initialization hook 2.
1Fh	Call video expansion rom followed by a call to OEM initialization hook 3 if present. Set initial video mode.
20h	Display BIOS copyright message.
21h	Check RTC diagnostic status.
22h	Initialize timers (8254 and RTC).
23h	Initialize keyboard and mouse.
24h	Initialize serial ports.
25h	Initialize printer ports.
26h	Test base memory and display it's size in KB.
27h	Test extended memory and display it's size in KB.
28h	Verify memory sizes with values in RTC.
29h	Initialize floppy drives.
2Ah	Initialize IPL and BCV tables of internal devices.
2Bh	Find and add external BEV and BCV devices.
2Ch	Initialize boot priority tables.
2Dh	Initialize controllers and roms in boot priority order.
2Eh	Initialize numeric coprocessor.
2Fh	Enable parity checkers.
30h	Call OEM initialization hook 4.
00h	Clean up and boot operating system.
BEh	Boot failed.