



XBOX Error Codes Explained

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Description:

When you attempt to boot, a 'you need service' message comes up, and has a LED style number on the top left hand corner. Here is what they mean.

Disclaimer:

This information is believed to be correct, should be as close as it gets;

Also:

Bootloader stuff you should never see, since if it fails kernel doesn't boot. (thus you see no message)

Code Who sets it - Description

- 0 - any - No error (duh)
- 1 - bootldr - Unknown exactly, something to do with checking the motherboard
- 2 - bootldr - Eeprom check failed
- 3 - bootldr - ??/not used
- 4 - bootldr - Ram check failed
- 5 - kernel - HDD not locked (retail bioses require the hd to be locked)
- 6 - kernel - Cannot unlock HDD
- 7 - kernel - HDD timeout
- 8 - kernel - No HDD found
- 9 - kernel - HDD parameters (PIO/DMA/or size {debug}, certain size minimum is required for debug)
- 10 - kernel - DVD timeout
- 11 - kernel - No DVD Found
- 12 - kernel - DVD parameters (PIO/DMA)
- 13 - kernel - Dashboard launch fail (due to missing/bad key, or anything else that would prevent it from running) and the dashboard didn't specify why it failed.
- 14 - dashboard - Error loading dashboard (dashboard generic error)
- 15 - - ??/not used
- 16 - dashboard - Other files to do with dashboard / dashboard settings (specific dashboard error)
- 17 - - ??/not used
- 18 - - ??/not used
- 19 - - ??/not used



20 - kernel - The dashboard was attempted to load and failed; It was a cold boot, and the dashboard didn't specify why it failed, but it (for some reason) needed to be noted that the dvd passed the challenge/response authentication

21 - anywhere - This error says that the machine was booted to display a error, basically someone told the machine to reboot (or launch a xbe) with this flag, and the error code just means its been rebooted by the flag

In closing:

21 was the highest number I could find, I don't think anything is past that. And for the unknown ones, I couldn't find any reference to them at all, I don't believe they are used.

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