



- The computer powers up, boots, and is able to access its Intel® ME/GbE capabilities as well as any new custom BIOS features.

4.2 Flash Image Details

See the flash image details as described in the FIT [Chapter 3](#).

4.3 Microsoft Windows* Required Files

The Microsoft Windows* version of the FPT executable is **fptw.exe**. The following files must be in the same directory as **fptw.exe**:

- fptw.exe – the executable used to program the final image file into the flash.
- idrvdll.dll

In order for tools to work under the Windows* PE environment, you must manually load the driver with the .inf file in the Intel® MEI driver installation files. Once you locate the .inf file you must use the Windows* PE cmd `drvload HECI.inf` to load it into the running system each time Windows* PE reboots. Failure to do so causes errors for some features.

Table 4-1. FPT OS Requirements

FPT Version	Target OS	Support Drivers
FPT.EXE	Linux*	None
FPTw.EXE	Windows* 32 / 64 bit w/WOW64	idrvdll.dll
FPTW64.EXE	Windows* Native 64 bit	idrvdll32e.dll

Note: In the Windows* environment for operations involving global reset you should add a pause or delay when running FPTW using a batch or script file.

4.4 EFI Required Files

The EFI version of the FPT executable is **fpt.efi**. The following files must be placed in **the root directory** as **fpt.efi**:

- fpt.efi – the executable used to program the final image file into the flash. Before running fpt.efi, all the required files must be placed at root directory of the disk otherwise error like "FPT is unable to find FPARTS.TXT "might be displayed.

4.5 Programming Flash Device

Once the Intel® ME is programmed, it runs at all times. Intel® ME is capable of writing to the flash device at any time, even when the management mode is set to none and it may appear that no writing would occur.