Flash Memory Usage
Windows CE

32 MB	
	Flash(FX) disk (32 MB flash)
Optional 16MB added flash	
	③
16 MB	
	Flash(FX) disk (16 MB flash)
	②
Standard: 16MB flash	
	NKLOAD.BIN ①
1 MB	
0 MB	

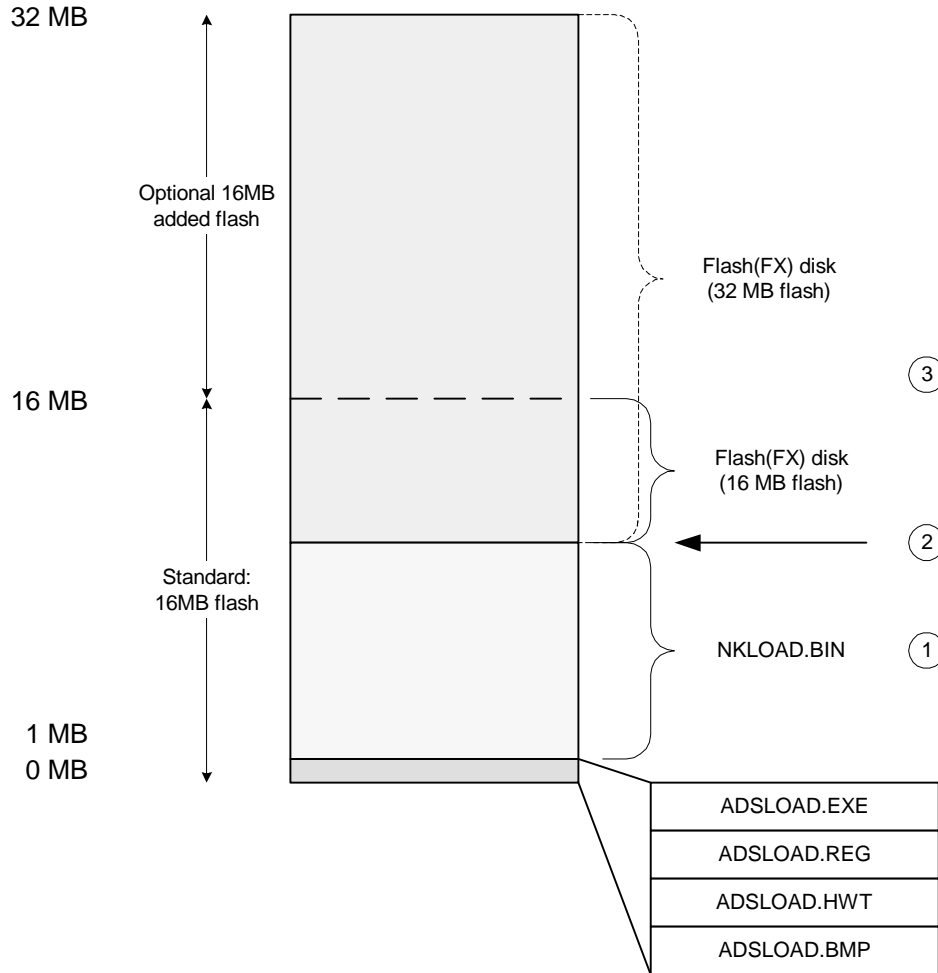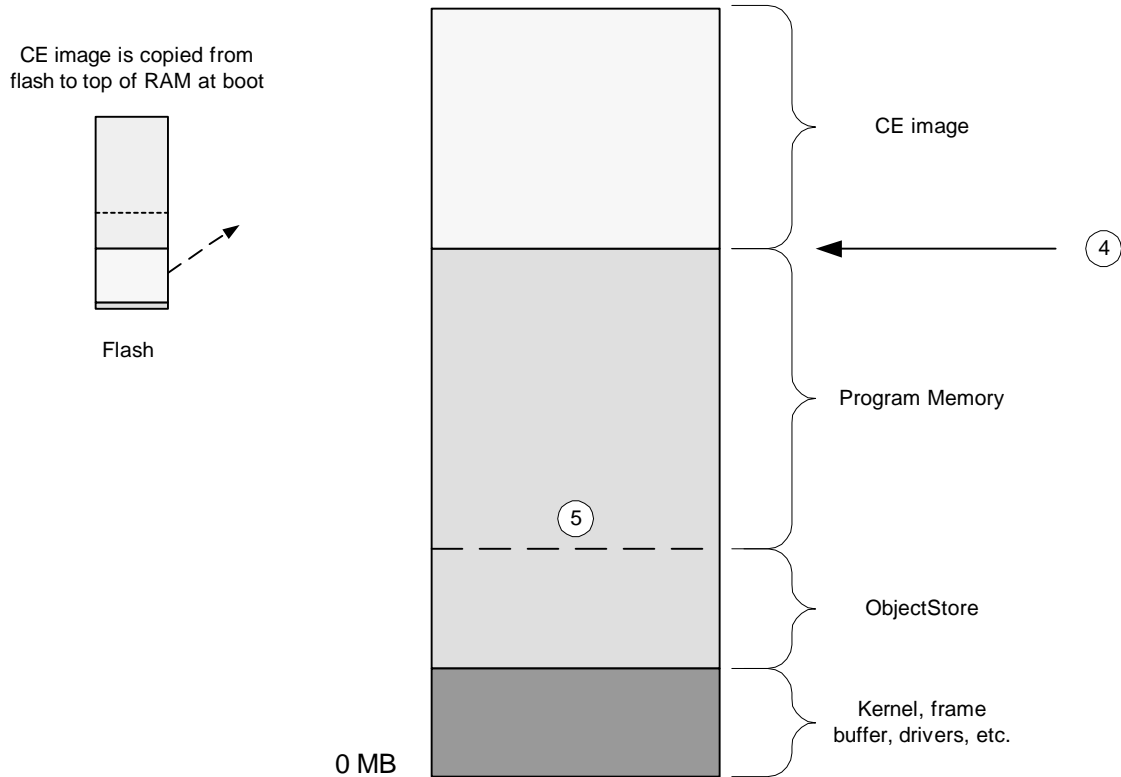| |
|---|
| ADSLOAD.EXE |
| ADSLOAD.REG |
| ADSLOAD.HWT |
| ADSLOAD.BMP |

① Windows CE image size (eg. 8, 10, 12MB).
Boot loader reads size from ADSLOAD.HWT.

② Start of user flash disk. Take care not to overlap CE image.
Flash disk driver reads "Start" key from ADSLOAD.REG.

③ Size of user flash disk. Start+Size cannot exceed flash installed.
Flash disk driver reads "Length" key from ADSLOAD.REG.

DRAM Usage
Windows CE

Applieddata.net
Embedded Computer Systems

CE image is copied from
flash to top of RAM at boot

Flash

CE image

④

Program Memory

⑤

ObjectStore

Kernel, frame
buffer, drivers, etc.

0 MB

④ DRAM address for CE image load/run.
Boot loader reads this address from ADSLOAD.HWT.

⑤ Program memory and ObjectStore draw from the same
memory pool.
CE reads the ObjectStore size from ADSLOAD.REG.