

USB drives and Portable Applications

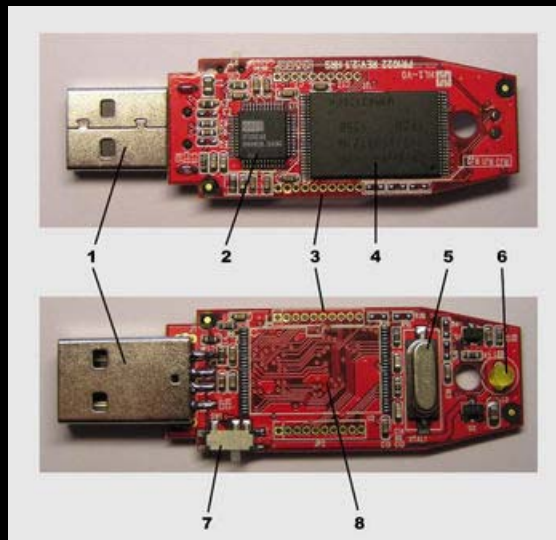
What are USB Flash Drives...

- Or USB sticks...
- Or thumb drives...
- Or pen drives...
- Or USB key drives...
- Or memory sticks...
- Or “that thing that has all my stuff on it?” ...

NAND Flash memory

- NAND flash architecture was introduced by Toshiba in 1989.
- The memory is accessed in blocks much like hard drives and floppy disks.
- The use of it in a USB interface device was developed by M-Systems in 1998 and first released to the market in 2001 by IBM.

The Inside of a USB Flash Drive



A Breakthrough

- In 2004 Sandisk and its subsidiary, M-Systems created the U3 Specification, and the portable application platform is born.
- The U3 platform runs software directly from a USB flash drive.
- The “OS” is loaded in the computers memory and is deleted on removal of the drive.
- Software has to be designed specifically for the mobile platform to work.
- Applications and Manufacturers of compatible USB drives can be found at <http://www.u3.com/>

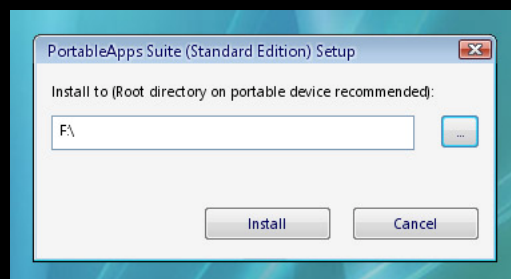
Portable Applications

- www.portableapps.com
- The installer includes the platform program launcher and several common applications.
- New applications can be downloaded from their site.
- The suite can be installed on ANY USB flash drive.
- ALL software is open source.

Pick a key, any key



Install the Portable Apps Suite



Portable Applications in Action

