[Detect and mount devices?](http://askubuntu.com/questions/285539/detect-and-mount-devices)

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| **Solution 1**: Try the Disks program (if you run Ubuntu **with a GUI**).  (check that the gnome-disk-utility package is installed) (make sure that udisk2 package is installed)  Hit SUPERA to open the Application Lens and type Disks in the Search Applications field.  (SUPER is probably the key with the Windows icon.)  In Disks you can play with the automount options.  For example:  You have to click on the little icon with the two gears and choose 'Edit Mount Options'.    **Solution 2**: Using the **CLI** (for a headless installation)  Step 1. Check the blockdevices and the file systems that are assigned to those block devices.  lsblk    Here you see the blokdevice sdb with partition /sdb1. But it's not mounted. There's no file assigned to it.  Step 2. What kind of device is sdb?  sudo lshw  or  sudo lshw | less    So the USB stick - the block device /sdb - has the logical name /dev/sdb. And the FAT32 filesystem on that stick has the logical name /dev/sdb1.  Step 3. Mounting the USB-stick  We will mount /dev/sdb1 to /media/usbstick  sudo mkdir /media/usbstick  sudo mount -t vfat /dev/sdb1 /media/usbstick  Read the manpage of mount for other options.  Step 4. Did it work?  lsblk    Yes, we can see that the filesystem on the USB stick is mounted to /media/usbstick  **Addendum** : if there are no logical names like /dev/sdb, you should first create them. See this[information about setting up and controling loop devices with the losetup command](http://i.stack.imgur.com/qZ2DA.png)   |  |  |  | | --- | --- | --- | | [share](http://askubuntu.com/a/290883/145772)[edit](http://askubuntu.com/posts/290883/edit)[flag](http://askubuntu.com/questions/285539/detect-and-mount-devices) | [edited May 5 '13 at 9:03](http://askubuntu.com/posts/290883/revisions) | answered May 5 '13 at 6:36  user85164 | |  |
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