

ATEN USB to Serial `lsusb` Linux mint 15



lsusb

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1. `lsusb` USB to Serial `lsusb` ATEN `lsusb` UC232A
2. `lsusb` Linux Mint 15 64 bit `lsusb` `lsusb` Lenovo X230
3. `lsusb` Switching 3Com 7754 `lsusb` 3Com `lsusb`

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- `lsusb` USB to Serial `lsusb` USB
- `lsusb` Terminal `lsusb`
 - `lsusb` USB `lsusb` Bus 003 Device 006: ID 0557:2008 ATEN International Co., Ltd UC-232A Serial Port [pl2303]

- `dmesg |grep pl2303`
 - `usbcore: registered new interface driver pl2303`
`usbserial: USB Serial support registered for pl2303`
`pl2303 3-2:1.0: pl2303 converter detected`
`usb 3-2: pl2303 converter now attached to ttyUSB0`
`pl2303 ttyUSB0: pl2303 converter now disconnected from ttyUSB0`
`pl2303 3-2:1.0: device disconnected`
`pl2303 3-2:1.0: pl2303 converter detected`
`usb 3-2: pl2303 converter now attached to ttyUSB0`
- `sudo chmod 777 /dev/ttyUSB0`
 - `usbcore: registered new interface driver pl2303`
`usbserial: USB Serial support registered for pl2303`
`pl2303 3-2:1.0: pl2303 converter detected`
`usb 3-2: pl2303 converter now attached to ttyUSB0`
`pl2303 ttyUSB0: pl2303 converter now disconnected from ttyUSB0`
`pl2303 3-2:1.0: device disconnected`
`pl2303 3-2:1.0: pl2303 converter detected`
`usb 3-2: pl2303 converter now attached to ttyUSB0`

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Terminal
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teppap@MINT-X230 ~ $ lsusb
Bus 001 Device 002: ID 8087:0024 Intel Corp. Integrated Rate Matching Hub
Bus 002 Device 002: ID 8087:0024 Intel Corp. Integrated Rate Matching Hub
Bus 003 Device 002: ID 046d:c52b Logitech, Inc. Unifying Receiver
Bus 003 Device 006: ID 0557:2008 ATEN International Co., Ltd UC-232A Serial Port
[pl2303]
Bus 003 Device 003: ID 0bdb:1926 Ericsson Business Mobile Networks BV
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 002 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 003 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 004 Device 001: ID 1d6b:0003 Linux Foundation 3.0 root hub
Bus 001 Device 003: ID 147e:2020 Upek
Bus 001 Device 004: ID 0a5c:21e6 Broadcom Corp.
Bus 001 Device 005: ID 04f2:b2ea Chicony Electronics Co., Ltd
teppap@MINT-X230 ~ $ dmesg |grep pl2303
[14397.006512] usbcore: registered new interface driver pl2303
[14397.006543] usbserial: USB Serial support registered for pl2303
[14397.006605] pl2303 3-2:1.0: pl2303 converter detected
[14397.008346] usb 3-2: pl2303 converter now attached to ttyUSB0
[21443.518255] pl2303 ttyUSB0: pl2303 converter now disconnected from ttyUSB0
[21443.518289] pl2303 3-2:1.0: device disconnected
[21450.717595] pl2303 3-2:1.0: pl2303 converter detected
[21450.718472] usb 3-2: pl2303 converter now attached to ttyUSB0
teppap@MINT-X230 ~ $ sudo chmod 777 /dev/ttyUSB0
teppap@MINT-X230 ~ $

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- `usbserial: USB Serial support registered for pl2303`
`pl2303 3-2:1.0: pl2303 converter detected`
`usb 3-2: pl2303 converter now attached to ttyUSB0`
`pl2303 ttyUSB0: pl2303 converter now disconnected from ttyUSB0`
`pl2303 3-2:1.0: device disconnected`
`pl2303 3-2:1.0: pl2303 converter detected`
`usb 3-2: pl2303 converter now attached to ttyUSB0`
- `usbcore: registered new interface driver pl2303`
`usbserial: USB Serial support registered for pl2303`
`pl2303 3-2:1.0: pl2303 converter detected`
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`pl2303 ttyUSB0: pl2303 converter now disconnected from ttyUSB0`
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`pl2303 3-2:1.0: pl2303 converter detected`
`usb 3-2: pl2303 converter now attached to ttyUSB0`

Specify the destination you want to connect to Serial line `/dev/ttyUSB0` Speed `9600` Connection type: Raw Telnet Rlogin SSH Serial

Load, save or delete a stored session

Saved Sessions

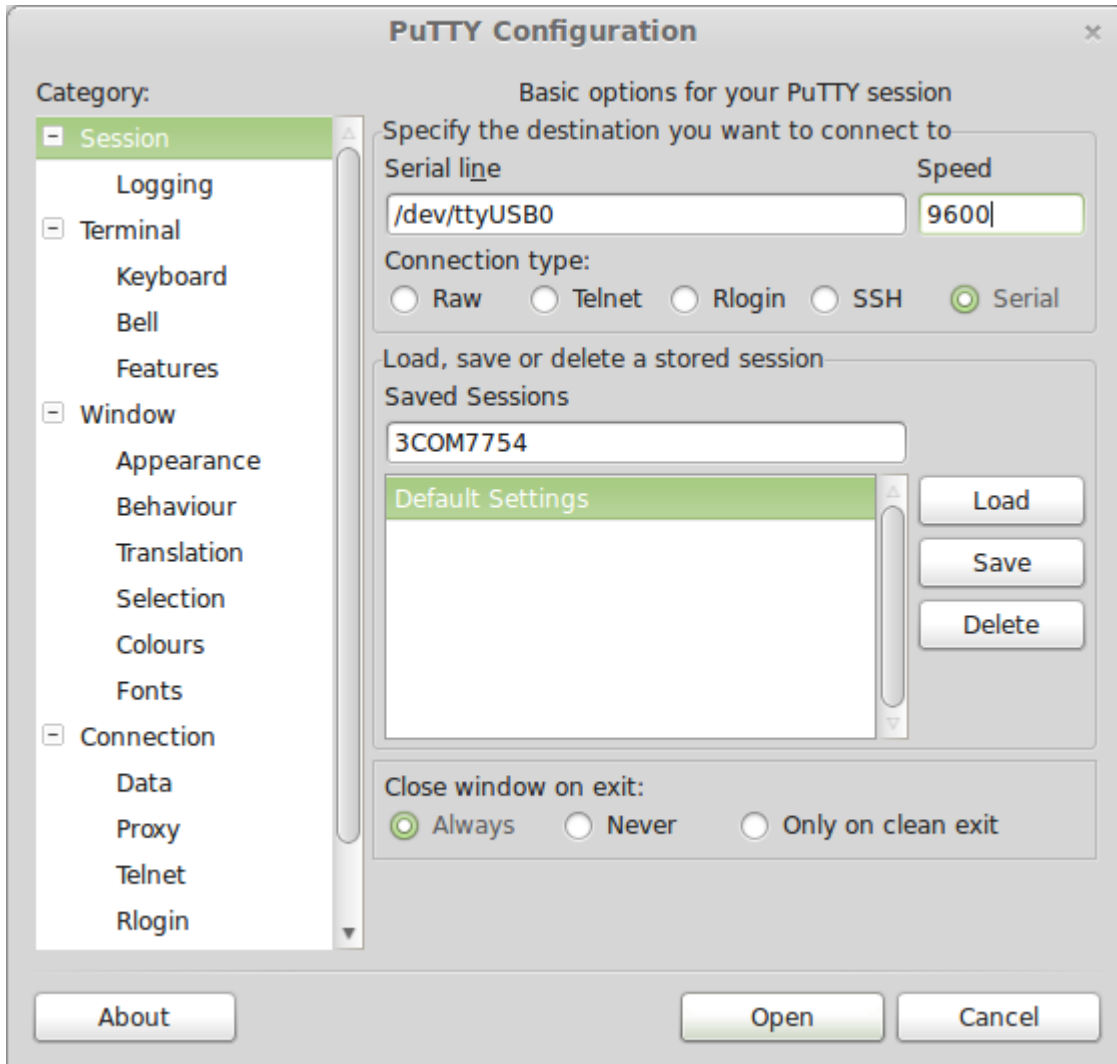
`3COM7754`

`Default Settings`

Load Save Delete

Close window on exit: Always Never Only on clean exit

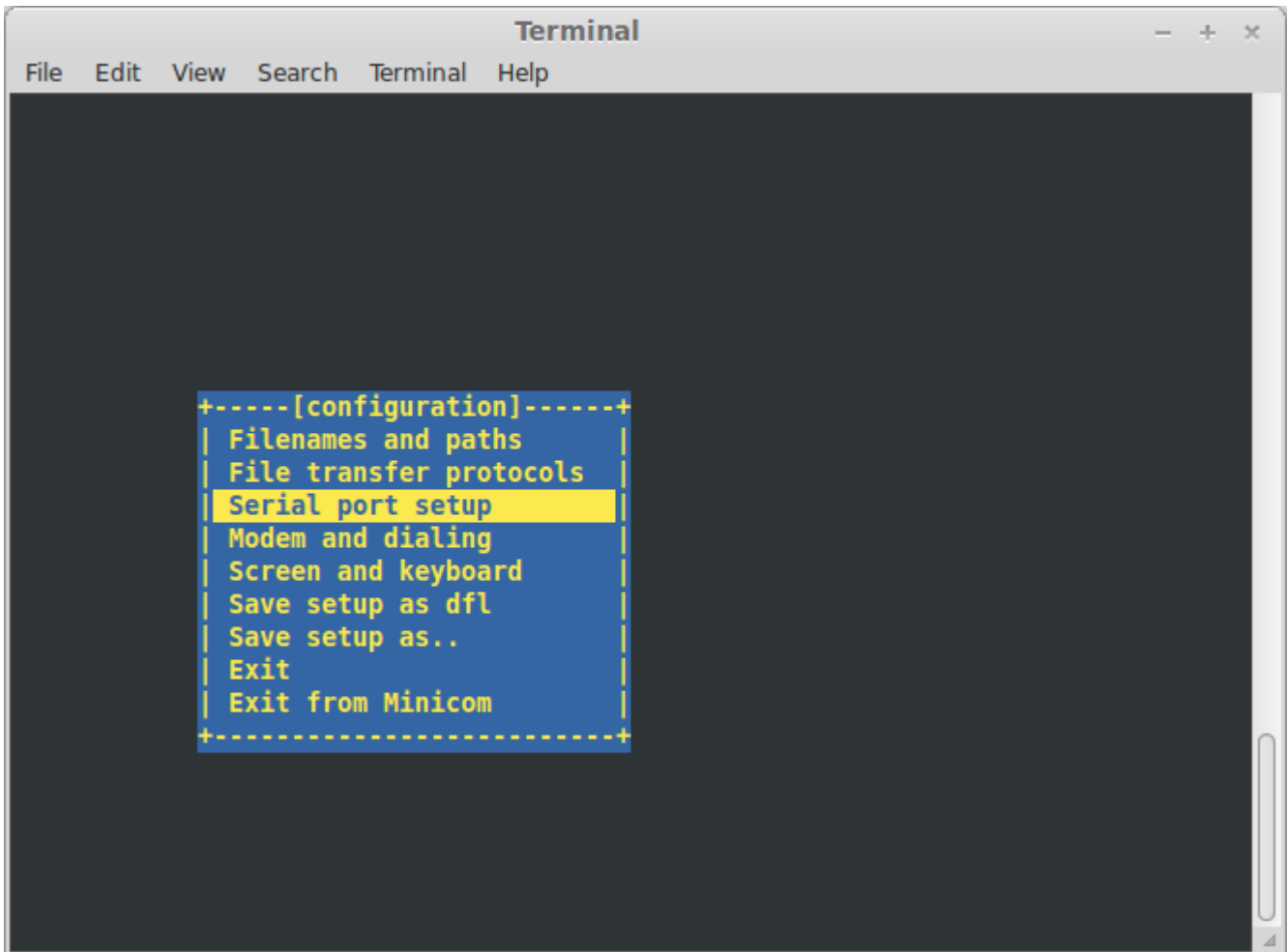
About Open Cancel



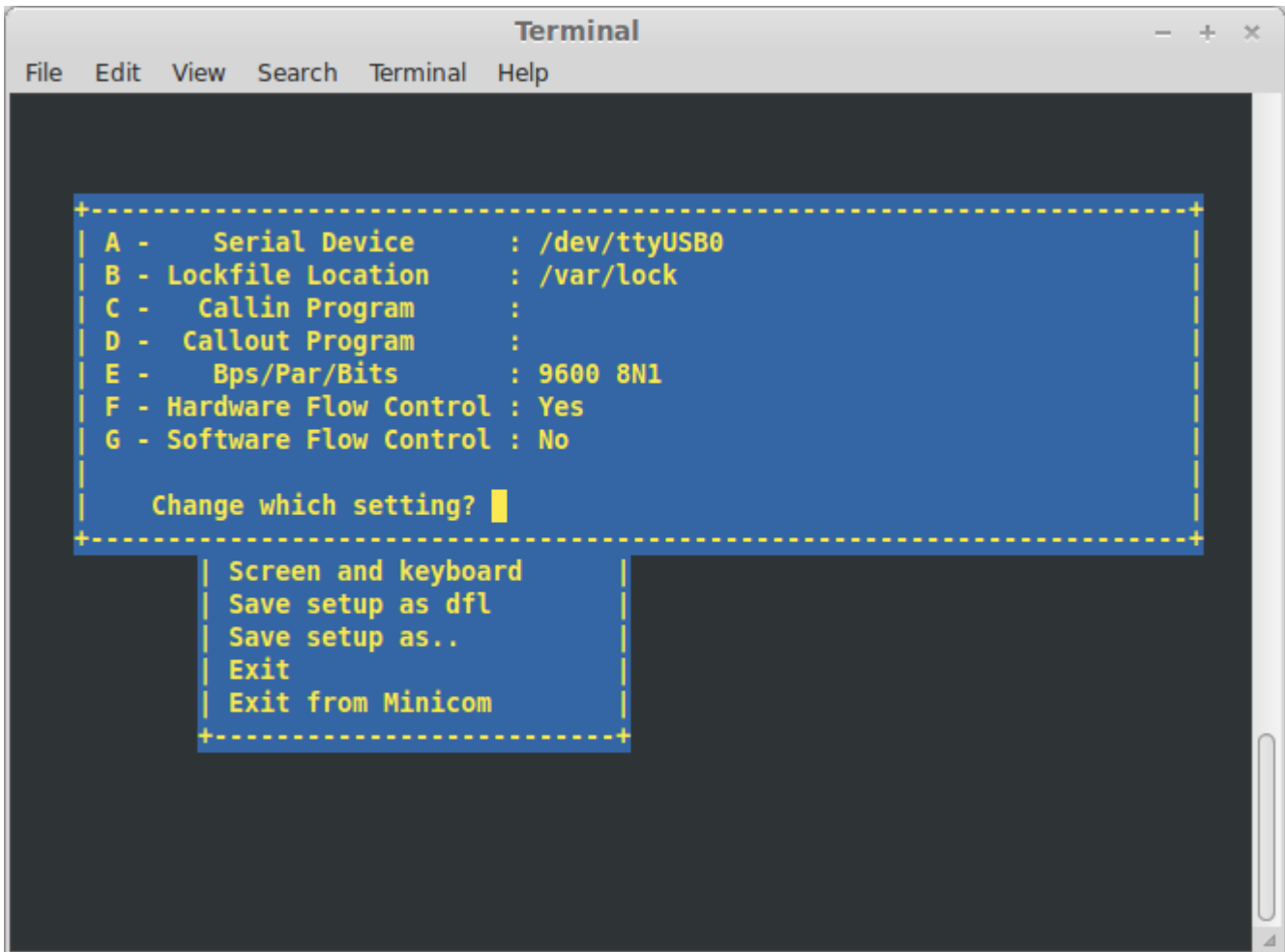
- Click the **Open** button to start the PuTTY session. (If you see an **Error** message, click **Open** again.)



- minicom 是 Linux Mint 中用于串口通信的终端程序。在 Linux Mint 中，可以通过 Software Manager 安装 minicom。安装完成后，可以在 Terminal 中使用以下命令启动 minicom：
 - `minicom -s` 启动 minicom 并进入设置菜单。
 - 在设置菜单中，使用 `Setting` 选项进入设置子菜单。
 - 在设置子菜单中，使用 `-s` 选项进入串口设置子菜单。
 - 在串口设置子菜单中，使用 `-c on` 选项启用串口通信。



- minicom 실행 후 configuration 메뉴에서 Serial port setup 선택 후 Enter
- A Device 선택 후 /dev/ttyUSB0 선택 후 Enter E Speed (C) 선택 후 9600 선택 후 Enter



- `Save setup as dfl` Enter `Enter`
- `Exit`

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Terminal
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Welcome to minicom 2.6.2

OPTIONS: I18n
Compiled on Feb  8 2013, 07:03:03.
Port /dev/ttyUSB0, 13:51:12

Press CTRL-A Z for help on special keys

<SW7750>
<SW7750>sys
System View: return to User View with Ctrl+Z.
[SW7750]di
[SW7750]display cu
[SW7750]display current-configuration
#
 sysname SW7750
#
 domain default enable system
#
 temperature-limit 0 10 70
 temperature-limit 1 10 70
#
 poe power max-value 2400
#
```

- Terminal

** <http://www.cyberciti.biz/tips/connect-soekris-single-board-computer-using-minicom.html>