



PWNIE EXPRESS

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Pwn Pad Community Edition Installation Guide

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WARNING:

This installation process will permanently erase all data on your Nexus tablet device. Any data you wish to preserve should be backed up to an external system or hard drive before proceeding.

Legal stuff

- The Pwn Pad Community Edition software image is provided free of charge under the GNU Public License (<http://www.gnu.org/licenses/gpl.html>).
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What you'll need

- A computer running a Linux-based operating system (Ubuntu 12.04 recommended)

NOTE: Using a virtual machine is not recommended due to Nexus 7 USB host mode compatibility limitations.

- The following Nexus 7 tablet model:

32GB, Wi-Fi + Mobile data, Unlocked + AT&T (or T-mobile) SIM

This can be purchased directly from Google Play:

https://play.google.com/store/devices/details?id=nexus_7_32gb_hspa_att

NOTE: The Pwn Pad installer does not currently support the 16GB Nexus 7, or any Nexus 7 without the “Mobile data” feature.

- A micro-USB OTG to USB 2.0 adapter (We recommend: <http://www.newegg.com/Product/Product.aspx?Item=9SIA0PG06U1118>)
- A 4-8GB USB flash drive formatted with NTFS (We recommend: <http://www.amazon.com/Patriot-Xporter-Boost-Flash-PEF8GUSB/dp/B000VE2RP6>)

NOTE: USB flash drives larger than 8GB may be problematic!

- A TP-Link TL-WN722N USB adapter (for 802.11 wireless pentesting)
- (Optional) A SENA UD100 industrial Bluetooth USB adapter (for Bluetooth pentesting)
- (Optional) A USB-to-Ethernet adapter (for pentesting wired networks)
- (Optional) Velcro for attaching accessories to the back of the Nexus 7

Download the installation package

If you haven't done so already, the Pwn Pad installation package can be downloaded from here:

<http://www.pwnieexpress.com/downloads.html>

Extract the package & run the installer script

Note: All below instructions assume you're using a Linux-based computer. Using a Linux virtual machine is not recommended due to Nexus 7 USB host mode compatibility limitations.

1. Extract the contents of the installation package:

```
# tar -jxvf pwnpad*.tar.bz2
```

2. Connect your NTFS-formatted USB flash drive to your Linux computer
3. Copy the “TWRP” folder to the root directory of your USB drive. Example:

```
# cp -R TWRP /media/usb1/
```

4. Change into the pwnpad_build_script directory and run the installer script:

```
# cd pwnpad_build_script  
# ./flash_pwnpad.sh
```

5. Follow the onscreen instructions to complete the Pwn Pad installation.

Community Edition Support

- Pwn Pad user manual: <http://pwnieexpress.com/pages/documentation>
- Community support forum: <http://forum.pwnieexpress.com/>