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📄 **Author**	**Topic: Looking for a noob's guide to installing Ubuntu (Read 5980 times)**

peter
Guest

Looking for a noob's guide to installing Ubuntu
« **on:** January 21, 2013, 08:51:06 PM »

I've been knocking around doing searches for a tutorial/step-by-step on installing Ubuntu on my cubieboard (which will finally be in my hands tomorrow).

I've done plenty of Linux distro installs on my desktop PC, including Mint, Bodhi, Fedora, openSUSE, and several flavors of Ubuntu, so I'm familiar with downloading ISOs and creating bootable USB sticks for installation. I've also done an installation of the Debian-Wheezy thing for Rasp_Pi, so I'm not intimidated by using the dd command to create a bootable SDHC card. I just haven't found a write-up for an Ubuntu installation that I'm confident is complete and has worked for several of you.

Could someone here provide a tutorial or post a link to a tested/reliable one?

Thanks!

Logged

admin
Guest

Re: Looking for a noob's guide to installing Ubuntu
« **Reply #1 on:** January 22, 2013, 09:52:49 AM »

Have you looked at this guide?

http://cubieboard.org/2012/11/15/install-ubuntu-with-berryboot/

Logged

peter
Guest

Re: Looking for a noob's guide to installing Ubuntu
« **Reply #2 on:** January 22, 2013, 01:01:28 PM »

Quote from: admin on January 22, 2013, 09:52:49 AM
> Have you looked at this guide?
>
> http://cubieboard.org/2012/11/15/install-ubuntu-with-berryboot/

I had, yes. I will take your response as an endorsement of that method. Thank you! 🙂

Logged

admin
Guest

Re: Looking for a noob's guide to installing Ubuntu
« **Reply #3 on:** January 22, 2013, 04:00:45 PM »

Quote from: peter on January 22, 2013, 01:01:28 PM
> Quote from: admin on January 22, 2013, 09:52:49 AM
>> Have you looked at this guide?
>>
>> http://cubieboard.org/2012/11/15/install-ubuntu-with-berryboot/
>
> I had, yes. I will take your response as an endorsement of that method. Thank you! 🙂

No no, I actually don't know yet. I haven't got my Cubie yet 🙁 I hope it comes very soon.

But that method should work, and good luck!

Logged

peter
Guest

Re: Looking for a noob's guide to installing Ubuntu
« **Reply #4 on:** January 22, 2013, 04:07:55 PM »

> **Quote from: admin on January 22, 2013, 04:00:45 PM**
>
> No no, I actually don't know yet. I haven't got my Cubie yet 😞 I hope it comes very soon.
>
> But that method should work, and good luck!

Understood! I'll give it a go and report my results...provided that my results aren't TOO embarrassing.

I've been staring at pictures of the Cubieboard for a month-and-a-half now and I was still knocked out by how small it was when I unpacked it. It's about the size of a pack of smokes! 😎

Logged

admin
Guest

Re: Looking for a noob's guide to installing Ubuntu
« **Reply #5 on:** January 22, 2013, 04:55:01 PM »

> **Quote from: peter on January 22, 2013, 04:07:55 PM**
>
> Understood! I'll give it a go and report my results...provided that my results aren't TOO embarrassing.
>
> I've been staring at pictures of the Cubieboard for a month-and-a-half now and I was still knocked out by how small it was when I unpacked it. It's about the size of a pack of smokes! 😎

Yeah I know what you mean, the size is amazing 😄

Logged

peter
Guest

Re: Looking for a noob's guide to installing Ubuntu
« **Reply #6 on:** January 23, 2013, 11:50:16 AM »

> **Quote from: peter on January 22, 2013, 04:07:55 PM**
>
> I'll give it a go and report my results...provided that my results aren't TOO embarrassing.

Report:

Looking back, I wish I had purchased a few lottery tickets yesterday because it was definitely a lucky day for me. Following the procedure that our forum's admin pointed me to, I was **easily** able to install Ubuntu. In fact, on the first pass, I told BerryBoot to create the Ubuntu system on a 64 GB SSD drive that I had attached to the SATA port. The installation went quickly - barely over 10 minutes.

As I'm sure most of you know, it's the Linaro distro, which is essentially a Lubuntu setup. I had a few issues with it, mainly dealing with security/authentication. I tried to fire up the Synaptic Package Manager, but it blocked me because I didn't have a password; when I installed Linaro, I wasn't prompted for one. When I re-installed it, I edited the login properties and added a password, but it didn't recognize that password, so I'll have to figure out what's going on there.

I can't say I've done extensive testing, but from the short amount of time I spent using Linaro on the Cubieboard, it seemed rather pokey. In fact, I thought the resident Android operating system was much snappier. Android played WMA music files from an external USB hard drive beautifully. When I used the music app within Linaro, there was a lot of stuttering in the playback. Even when I copied music from the USB hard drive to the SSD, there were playback issues. Maybe I have to make some disk-caching tweaks?

Bottom line - if you're curious about installing the Linaro/Ubuntu distro, give it a go. It works as advertised and it's a damn sight quicker than doing a standard Ubuntu install!

Logged

ale92_
Guest

Re: Looking for a noob's guide to installing Ubuntu
« **Reply #7 on:** January 23, 2013, 02:55:46 PM »

i read in some post on the google group that it's better to do a clean installation rather than using berryboot.
It can give problems

Logged

admin

Re: Looking for a noob's guide to installing Ubuntu

Guest

« **Reply #8 on:** January 23, 2013, 04:39:28 PM »
Quote from: ale92_ on January 23, 2013, 02:55:46 PM

> i read in some post on the google group that it's better to do a clean installation rather than using berryboot.
> It can give problems

Thank you for the information! Good to know.

L Logged

peter
Guest

Re: Looking for a noob's guide to installing Ubuntu
« **Reply #9 on:** January 23, 2013, 11:38:17 PM »

Quote from: ale92_ on January 23, 2013, 02:55:46 PM

> i read in some post on the google group that it's better to do a clean installation rather than using berryboot.
> It can give problems

Can you point us to a tutorial? I'll be happy to give it a try.

L Logged

ale92_
Guest

Re: Looking for a noob's guide to installing Ubuntu
« **Reply #10 on:** January 24, 2013, 02:50:40 AM »

i didn't find any precise guide so i'm trying to do it on my own...i'll let you know if i succeed

L Logged

peter
Guest

Re: Looking for a noob's guide to installing Ubuntu
« **Reply #11 on:** January 24, 2013, 02:00:22 PM »

Quote from: ale92_ on January 24, 2013, 02:50:40 AM

> i didn't find any precise guide so i'm trying to do it on my own...i'll let you know if i succeed

Please do! That would be great. 😊

L Logged

☐ **Max**
Newbie
🟨
Posts: 10
Karma: +0/-0
👤

Re: Looking for a noob's guide to installing Ubuntu
« **Reply #12 on:** January 26, 2013, 10:34:10 PM »

Quote from: peter on January 23, 2013, 11:50:16 AM

> I tried to fire up the Synaptic Package Manager, but it blocked me because I didn't have a password; when I installed Linaro, I wasn't prompted for one.

Standard linaro password is "linaro"

L Logged

☐ **Georgeloak**
Jr. Member
🟨🟨
Posts: 50
Karma: +1/-0
👤

Re: Looking for a noob's guide to installing Ubuntu
« **Reply #13 on:** January 26, 2013, 11:53:51 PM »

you also want to install cpufrequtils:

Code: [Select]

```
sudo apt-get install cpufrequtils
sudo cpufreq-set -g performance
```

I also read that perhaps this can be set in the kernel but I'm not sure how. Doing the above will definitely make things faster but overall I'm not overly impressed with the speed. I do need to learn and debug some more because I'm not anywhere near a Linux Guru

L Logged

☐ **lawrence**
Administrator
Sr. Member
🟥🟥🟥🟥🟥
Posts: 271
Karma: +14/-0

Re: Looking for a noob's guide to installing Ubuntu
« **Reply #14 on:** January 27, 2013, 02:28:21 AM »

George, you also should set the min / max frequencies in the CPU freq's in addition to that, as the default speed in kernel is slooow depending on what governor is in use., AND you may not necessarily have a scaling governor built into whomevers random kernel is in use.

I have this in my startup.

------
echo ondemand > /sys/devices/system/cpu/cpu0/cpufreq/scaling_governor

echo 1080000 > /sys/devices/system/cpu/cpu0/cpufreq/scaling_max_freq
echo 1080000 > /sys/devices/system/cpu/cpu0/cpufreq/scaling_min_freq

echo 25 > /sys/devices/system/cpu/cpufreq/ondemand/up_threshold
echo 10 > /sys/devices/system/cpu/cpufreq/ondemand/sampling_down_factor
echo 1 > /sys/devices/system/cpu/cpufreq/ondemand/io_is_busy

You may want to use ondemand, or you can use performance, up to you.

This is of course set in the kernel config when you build - with the CONFIG_CPU_FREQ choice.

Details on speeds for that are here - in the kernel   - arch/arm/mach-sun4i/cpu-freq

Governor config is in your .config for the kernel

Mine is something like -

CONFIG_CPU_FREQ_DEFAULT_GOV_PERFORMANCE=y
# CONFIG_CPU_FREQ_DEFAULT_GOV_USERSPACE is not set
CONFIG_CPU_FREQ_DEFAULT_GOV_ONDEMAND=y
CONFIG_CPU_FREQ_GOV_PERFORMANCE=y
...

L Logged

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