# ubuntu MATE®

Here are the installation instructions for ubuntu MATE 15.10 (based on A-EON Linux manual Version 2.5.1.4):

The installation instructions cover installing ubuntu MATE 15.10 from a "netboot over the internet" installation from a single install image.

1. Download and extract the kernel image, vmlinux-4.2

Download: <u>http://www.xenosoft.de/vmlinux-4.2-AMIGA\_one\_X1000.tar.bz2</u>

2. Download the Ubuntu ramdisk image (initrd.gz) from:

Download: <u>http://ports.ubuntu.com/ubuntu-ports/dists/wily/main/installer-powerpc/current/images/powerpc64/netboot/initrd.gz</u>

and copy them to a USB stick

- 3. Turn on the AmigaONE X1000 and press F to boot to enter CFE prompt. Insert the USB stick.
- 4. You can boot the installer using the commands below:

CFE> ramdisk –z –addr=0x24000000 –fatfs usbdisk0:initrd.gz

CFE> setenv bootargs "root=/dev/ramdisk"

CFE> boot -elf -noints -fatfs usbdisk0:vmlinux-4.2

5. Select Language

Choose the language also be the default Language:	to be used for the inst language for the instal	allation process. The led system. – No localization	selected language will ≛
	Albanian Arabic Asturian Basque Belarusian Bosnian Bulgarian Catalan Chinese (Simplified) Chinese (Traditional) Croatian Czech Danish Dutch Esperanto	- Shqip - Shqip - Asturianu - Euskana - Беларуская - Возальki - Бэлгарски - Саtalà - Фх (%體) - Нтуаtski - Čeština - Nederlands - Esperanto	
	Estonian Finnish French Galician German Greek	- Eesti - Suomi - Français - Galego - Deutsch - Ελληνικά	÷
<go back=""></go>			

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## 6. Select Your Location



7. Detect Keyboard Layout. Select No and Pick from the list



8. Pick from the list:



- 9. Configure Network
- 10. Enter Hostname

PJ Th Kr Up	[!] Configure the network lease enter the hostname for this system. ne hostname is a single word that identifies your system to the network. now what your hostname should be, consult your network administrator. If o your own home network, you can make something up here. ostname:	If you don't you are setting
	<go back=""></go>	<continue></continue>
<tab> n</tab>	moves; <space> selects; <enter> activates buttons</enter></space>	

- 11. Select the Ubuntu Archive Mirror Country [it is configured for the UK]

12. Leave the HTTP Proxy parameter blank and start the installation shell with ctrl+alt+F2 and create a directory in "/lib/modules/" with the name of your used kernel, i.e.

mkdir /lib/modules/<name\_of\_your\_kernel>

e.g.

mkdir /lib/modules/4.2.0\_A-EON\_AMIGA\_one\_X1000\_Nemo





- 13. With ctrl+alt+F1 you can switch back to the installer
- 14. When prompted that no kernel modules were found select Yes to continue without loading them.
- 15. The installer components will be retrieved from the Ubuntu mirror [this will take a long time]



# 16. Enter your Full Name



17. Enter your username for your account

Select a username for	[!!] Set up users a the new account. Your first	and passwords	e choice. The
username should start of numbers and more lo	with a lower-case letter, wer-case letters.	which can be followed	by any combination
Username for your acco	unt:		
amigaone			
<go back=""></go>			<continue></continue>

# 18. Enter your password and confirm



19. Select No to Encrypt your home directory



### 20. Confirm your time zone



- 21. When prompted for module dm-mod leave the parameter blank and select continue
- 22. Click Continue at the warning of "Software RAID not available"
- 23. Click Continue at the warning of "Logical Volume Manager not available"
- 24. You can now partition your disk.



You must exercise caution when modifying your partition tables!

25. The base system will now be retrieved from the mirror site and installed



26. Select "Install security updates automatically"

[1] Configuring discover
Applying updates on a frequent basis is an important part of keeping your system secure.
By default, updates need to be applied manually using package management tools. Alternatively, you can choose to have this system automatically download and install security updates, or you can choose to manage this system over the web as part of a group of systems using Canonical's Landscape service.
How do you want to manage upgrades on this system?
No automatic updates <u>Install security undates automatically</u> Manage system with Landscape
Tab> moves; <space> selects; <enter> activates buttons</enter></space>

27. At the software selection screen you will be asked to select which \*buntu flavour(s) you would like to install. You can install as many as you like. To install ubuntu MATE arrow down to the "Ubuntu MATE desktop" option and press the space bar to mark the option. Now press return to continue.



28. The additional packages required to install the full desktop will be retrieved and installed. - [this will take some time to complete depending on the speed of your internet connection ]

Retrieving file 1031 of 1074	Select and install software 28% 4 (16s remaining)	

29. At "Continue without boot loader" take note of your root partition.

30. Select Yes to set confirm the system clock is set as UTC.



- 31. Select Continue to finish the installation and reboot!
- 32. Press F to boot to enter CFE prompt. Remove if necessary and re-insert the USB stick containing the vmlinux-4.2 kernel. Enter the following commands replacing the root partition (sdb9) with the ID of the partition where you installed ubuntu MATE.

CFE> setenv bootargs "root=/dev/sdb9"

CFE> boot -elf -noints -fatfs usbdisk0:vmlinux-4.2

33. Later, you could copy the kernel vmlinux-4.2 to the CF card and configure a CFE menu entry.

CFE> setenv -p MENU\_2\_LABEL "ubuntu MATE 15.10 with kernel 4.2"

CFE> setenv -p MENU\_2\_COMMAND 'set pmu -astate=A4 ; setenv bootargs "root=/dev/sdb9 quiet ro splash" ; boot -elf -noints -fatfs cf0:vmlinux-4.2'

