

Debian 9.4 Installation Guide

Support Devices:


EBOX-336x, EBOX-335xDX3 and DIN PC-336x Series

Preparation:

1. Download Debian 9.4 Image from Debian website <https://www.debian.org/CD/http-ftp/>, follow photo indications below or contact our regional sales.

DVD
The following links point to image files which are up to 4.4 GB in size, making them suitable for writing to normal DVD-R/DVD+R and similar media:

[amd64](#), [arm64](#), [armel](#), [armhf](#), [i386](#), [mips](#), [mips64el](#), [mipsel](#), [ppc64el](#), [s390x](#), [source](#)



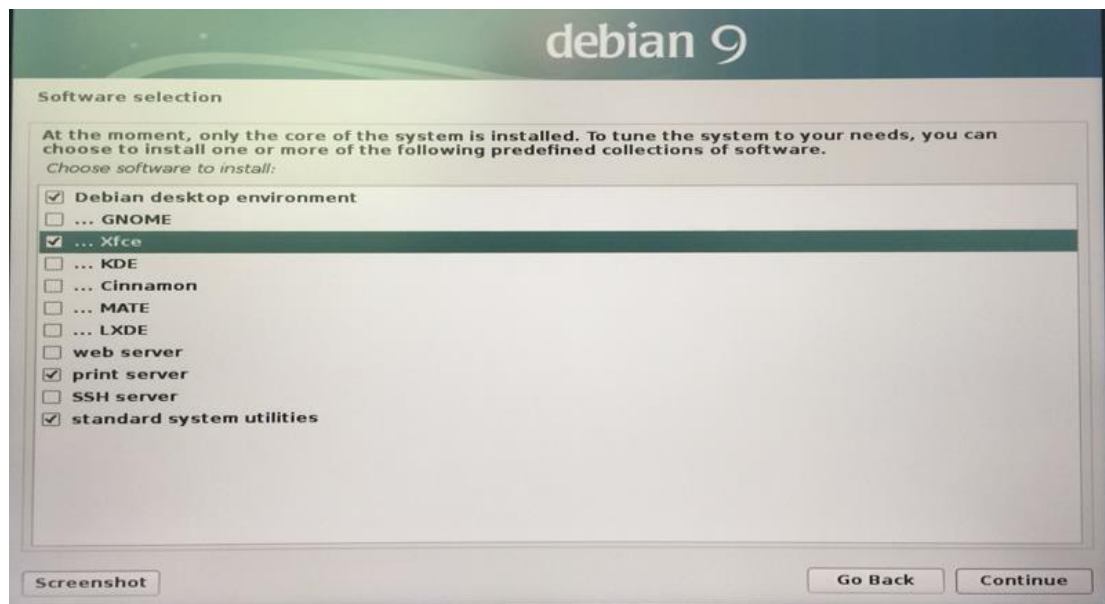
Name	Last modified	Size
Parent Directory		-
MD5SUMS	2018-03-16 21:47	873
MD5SUMS.sign	2018-03-16 21:50	833
SHA1SUMS	2018-03-16 21:47	1.0K
SHA1SUMS.sign	2018-03-16 21:50	833
SHA256SUMS	2018-03-16 21:47	1.3K
SHA256SUMS.sign	2018-03-16 21:50	833
SHA512SUMS	2018-03-16 21:47	2.2K
SHA512SUMS.sign	2018-03-16 21:50	833
debian-9.4.0-i386-DVD-1.iso	2018-03-10 13:31	3.5G
debian-9.4.0-i386-DVD-2.iso	2018-03-10 13:33	4.3G

2. Create a Debian 9.4 bootable DVD-ROM Disc.
3. Connect Ethernet cable before installation.

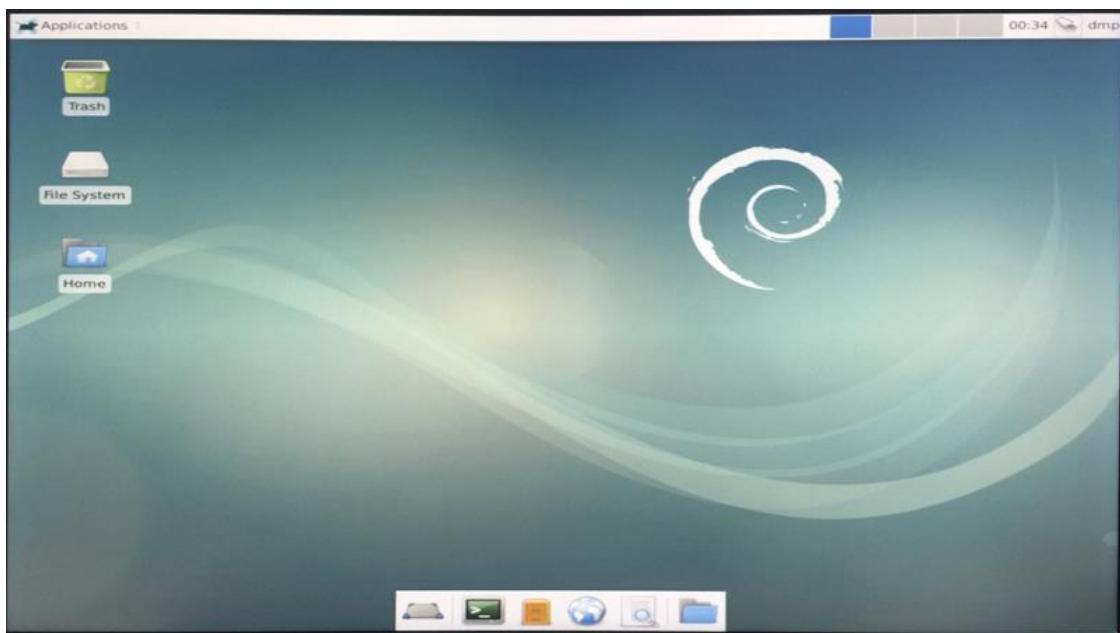
Installation steps:

1. Connect unit with an external CD-ROM Disc reader and boot up installer disc.
2. Select **Graphical install** then click "Enter" to proceed.
3. Select **English** as default language to continue.
4. During the installation, the system will detect network automatically.
5. Choose "Do not configure the network at this time" and click Enter to continue.
6. Select the storage to partition and write the changes to disks.

7. Under software selection menu, select **Xfce** to continue.



8. Remove the external DVD-ROM Disc reader.
9. Boot up from the unit and log into Debain 9.4.



Note: Default VESA mode, resolution support up to 1024 x 768 pixels.

10. Setting adjustment for Gigabit LAN device (RTL-8111/8168 for Debian system).

To add the parameters "pci=noms1" in the line of Linux of GRUB as below.
The MSI/MSI-X must be disabled for application of Gigabit LAN (RTL-8111/8168) on EBOX-336x Series, and it could be set permanent by edition of file /boot/grub/grub.cfg.

```
GNU GRUB version 1.99-27+deb7u1

setparams 'Debian GNU/Linux, with Linux 3.2.0-4-486'

load_video
insmod gzio
insmod part_msdos
insmod ext2
set root='(hd0,msdos1)'
search --no-floppy --fs-uuid --set=root 16dcc3b2-7d16-4b1e-9f79-bb79\
a94af682
echo 'Loading Linux 3.2.0-4-486 ...'
linux /boot/vmlinuz-3.2.0-4-486 root=UUID=16dcc3b2-7d16-4b1e-9f79-bb\
79a94af682 ro pci=noms1
echo 'Loading initial ramdisk ...'
initrd /boot/initrd.img-3.2.0-4-486

Minimum Emacs-like screen editing is supported. TAB lists
completions. Press Ctrl-x or F10 to boot, Ctrl-c or F2 for
a command-line or ESC to discard edits and return to the GRUB
menu.
```

11. Installation completed.