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.

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.
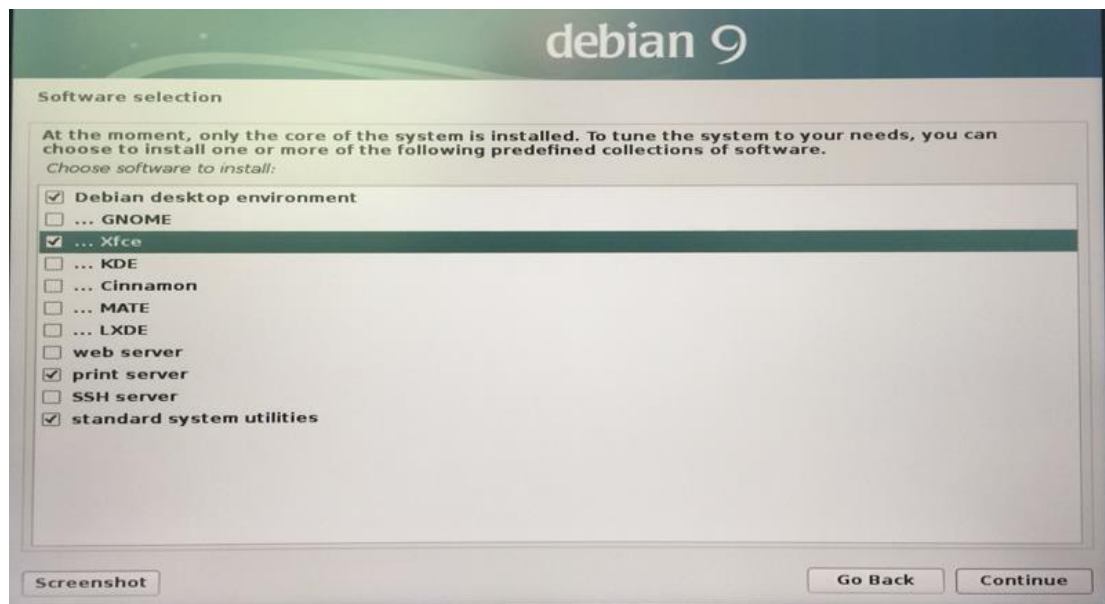
8. Remove the external DVD-ROM Disc reader.
9. Boot up from the unit and log into Debain 9.4.
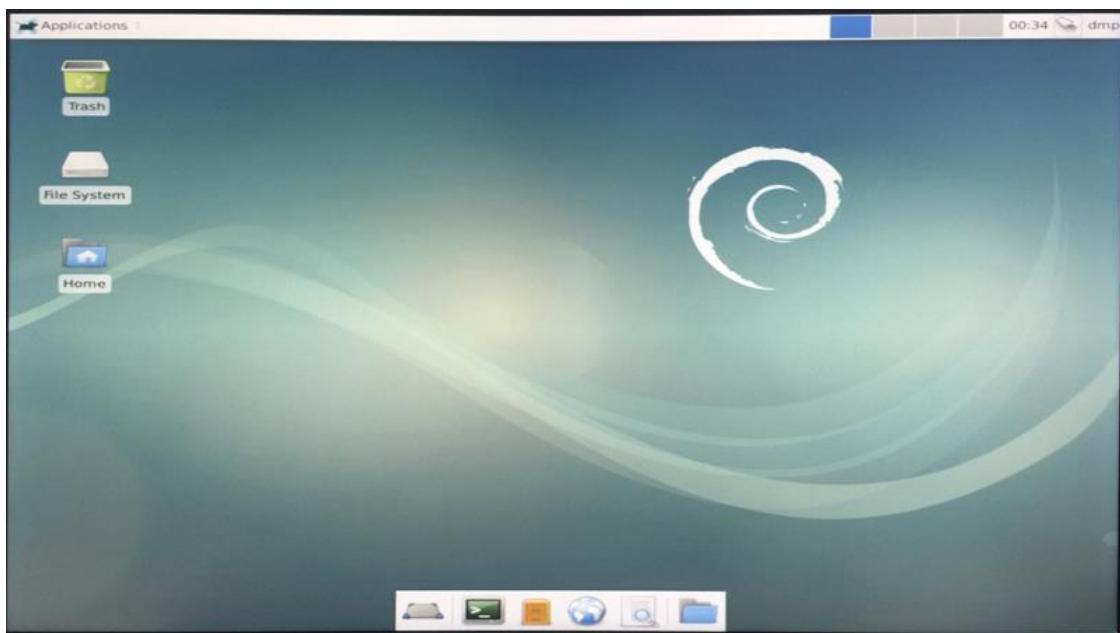
Note: Default VESA mode, resolution support up to 1024 x 768 pixels.

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

To add the parameters "pci=nomsi" in the line of Linux of GRUB as below.
The MSI/MSI-X must 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=nomsi
  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.