

# 海光XH5000设备操作指南

主板：DTB5000

BIOS: G168T-012

CPU: HG3250 @ 2.40GHz

OS: ubuntu-18.04.1-live-server-amd64.iso

```

ApTio Setup Utility - Copyright (C) 2019 American Megatrends, Inc.
Main Advanced IntelRCSetup Security Boot Save & Exit
-----+-----
BIOS Information
BIOS Vendor      American Megatrends
Core Version     5.13
Compliance      EFI 2.6; PI 1.4
Project Version  G168T 0.12 x64
Build Date and Time 06/06/2019 15:23:20
Access Level      Administrator

Memory Information
Total Memory      4096 MB (DDR4)

System Date      [Fri 10/25/2019]
System Time      [03:16:49]

-----+-----
Set the Date. Use Tab
to switch between Date
elements.
Default Ranges:
Year: 2005-2099
Months: 1-12
Days: dependent on month

-----+-----
>=: Select Screen
^v: Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit

-----+-----
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```

**BIOS 下串口设置见下图:**

```

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Main Advanced IntelRCSetup Security Boot Save & Exit

-----
|> Trusted Computing                               |Serial Port Console
|> NCT5523D Super IO Configuration                 |Redirection
|> Hardware Monitor                               |
|> Serial Port Console Redirection               |
|> PCI Subsystem Settings                         |
|> CSM Configuration                             |
|> SDIO Configuration                             |
|> USB Configuration                             |
|
|Power_ON ByPass Mode    [Disabled]
|Power_OFF ByPass Mode   [Disabled]
|
|-----
|>=: Select Screen
|^v: Select Item
|Enter: Select
|+/-: Change Opt.
|F1: General Help
|F2: Previous Values
|F3: Optimized Defaults
|F4: Save & Exit
|ESC: Exit
|
-----

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```

```
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Advanced

/-----+-----\
| COM0                                         |The settings specify|
| Console Redirection [Enabled]              |how the host computer|
| > Console Redirection Settings             |and the remote computer|
|                                             |(which the user is|
|                                             |using) will exchange|
|                                             |data. Both computers|
|                                             |should have the same or|
|                                             |compatible settings. |
|-----+-----|
| >: Select Screen                            |
| ^v: Select Item                            |
| Enter: Select                              |
| +/-: Change Opt.                           |
| F1: General Help                           |
| F2: Previous Values                         |
| F3: Optimized Defaults                     |
| F4: Save & Exit                             |
| ESC: Exit                                 |
|-----+-----\

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AB
```

```
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Advanced

/-----+-----\
| COM0                                         |Emulation: ANSI:    |
| Console Redirection Settings                |Extended ASCII char |
|                                             |set. VT100: ASCII char|
| Terminal Type [VT100]                    |set. VT100+: Extends |
| Bits per second [115200]                   |VT100 to support color,|
| Data Bits [8]                              |function keys, etc.   |
| Parity [None]                              |VT-UTF8: Uses UTF8    |
| Stop Bits [1]                              |encoding to map Unicode|
| Flow Control [None]                        |
| VT-UTF8 Combo Key Sup [Enabled]             |
| Recorder Mode [Disabled]                   |
| Resolution 100x31 [Disabled]                |
| Putty KeyPad [VT100]                       |
|                                             |
|-----+-----|
| >: Select Screen                            |
| ^v: Select Item                            |
| Enter: Select                              |
| +/-: Change Opt.                           |
| F1: General Help                           |
| F2: Previous Values                         |
| F3: Optimized Defaults                     |
| F4: Save & Exit                             |
| ESC: Exit                                 |
|-----+-----\

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AB
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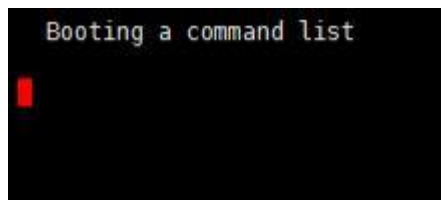


```
GNU GRUB version 2.02

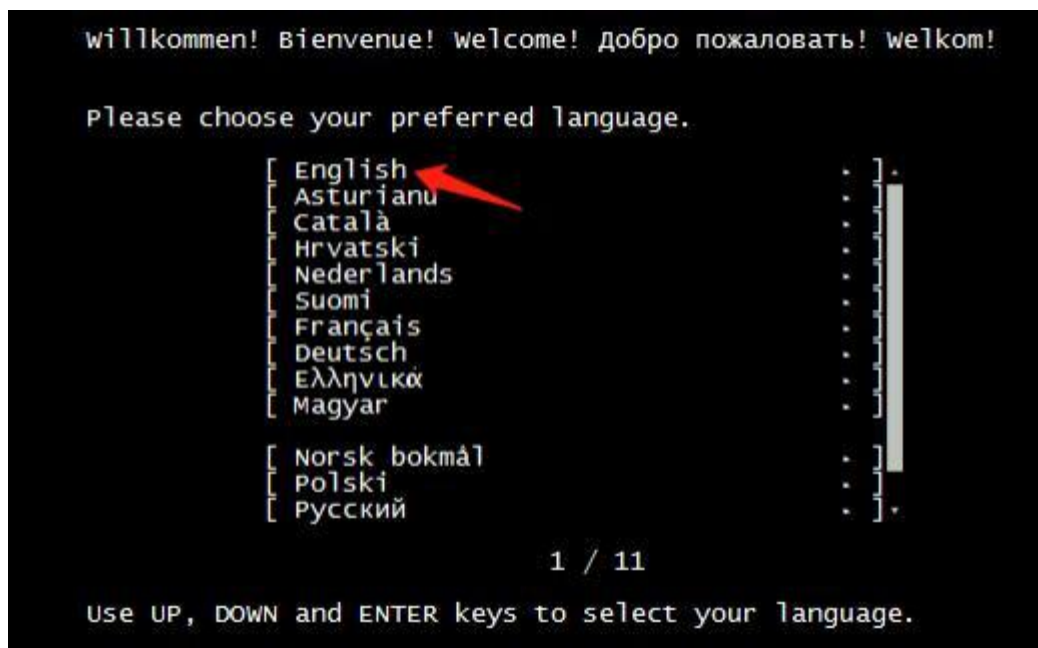
/-----\
| setparams 'Install ubuntu Server'              |
|   set gfxpayload=keep                          |
|   linux /casper/vmlinuz  boot=casper console=ttyS0,115200n8 \
| quiet ---                                       |
|   initrd /casper/initrd                        |
|-----\

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.
```

3，然后按 ctrl+x 或 F10,进入安装界面，如下图正在加载。



4，当出现下图界面，按照下图选择 English 语言，然后回车。

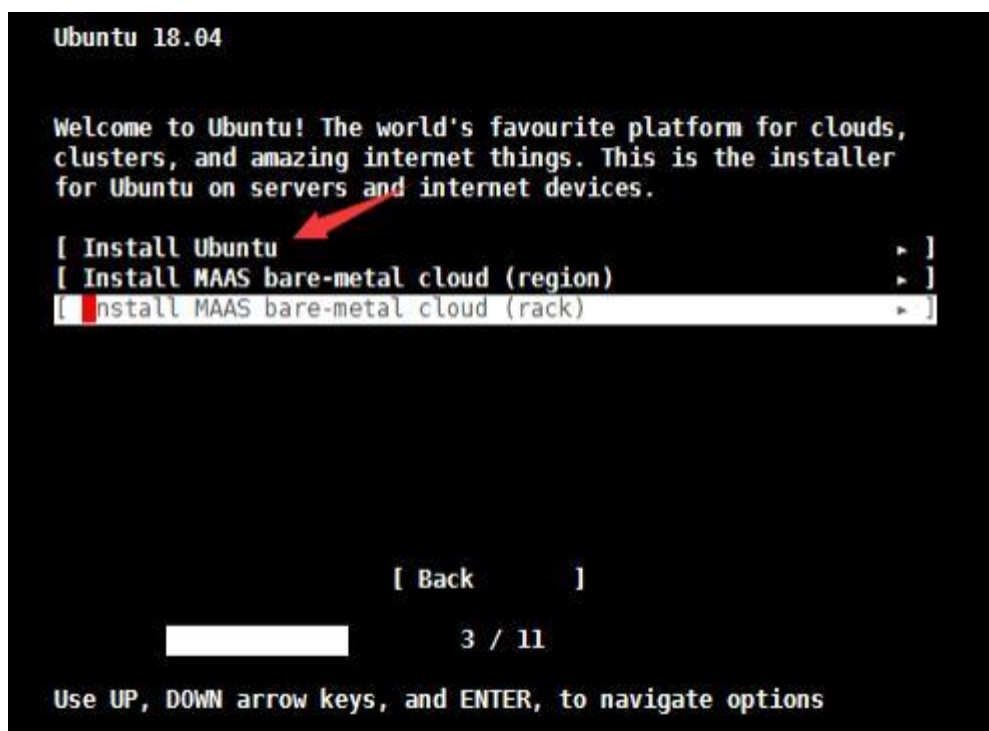




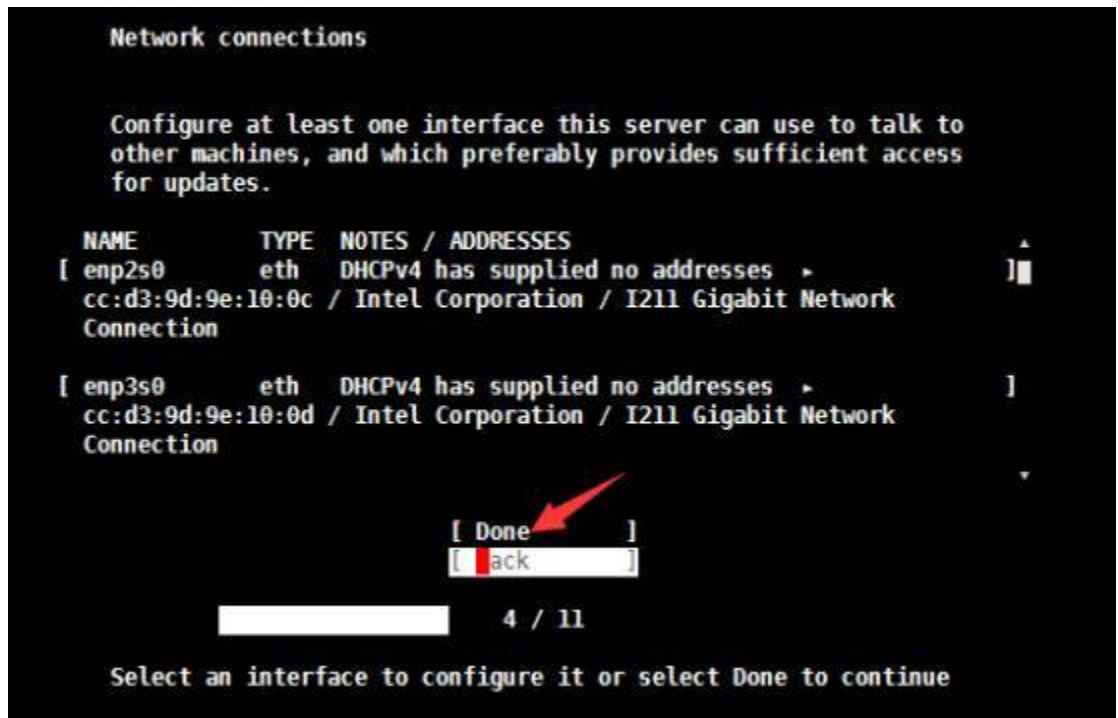
5, 出现下图选择 done。



6, 出现下图选择 Install Ubuntu, 回车。



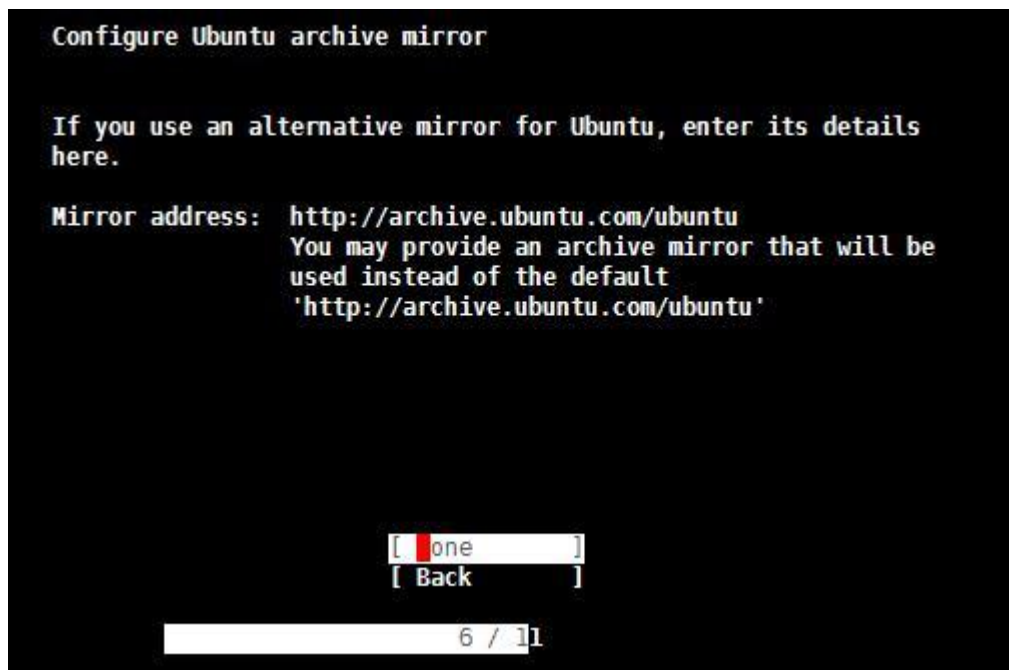
7, 出现下图, 选择 Done。(注意: 要给一个网口接网线确保可以连接外网)



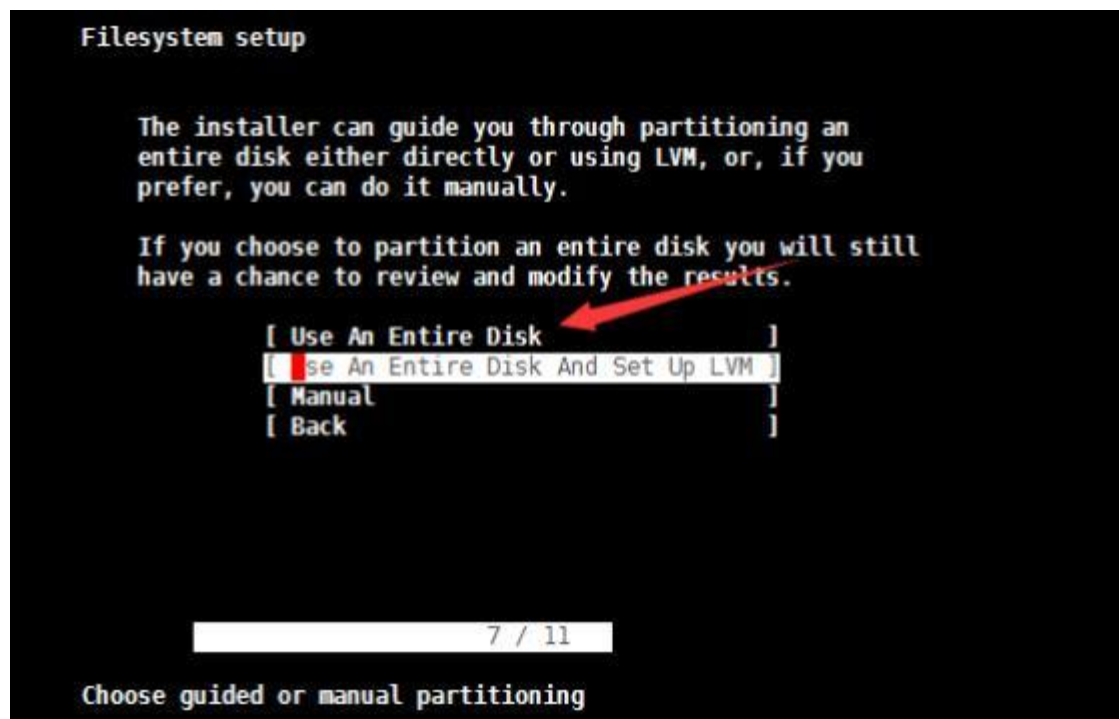
8, 出现下图界面选择 Done。



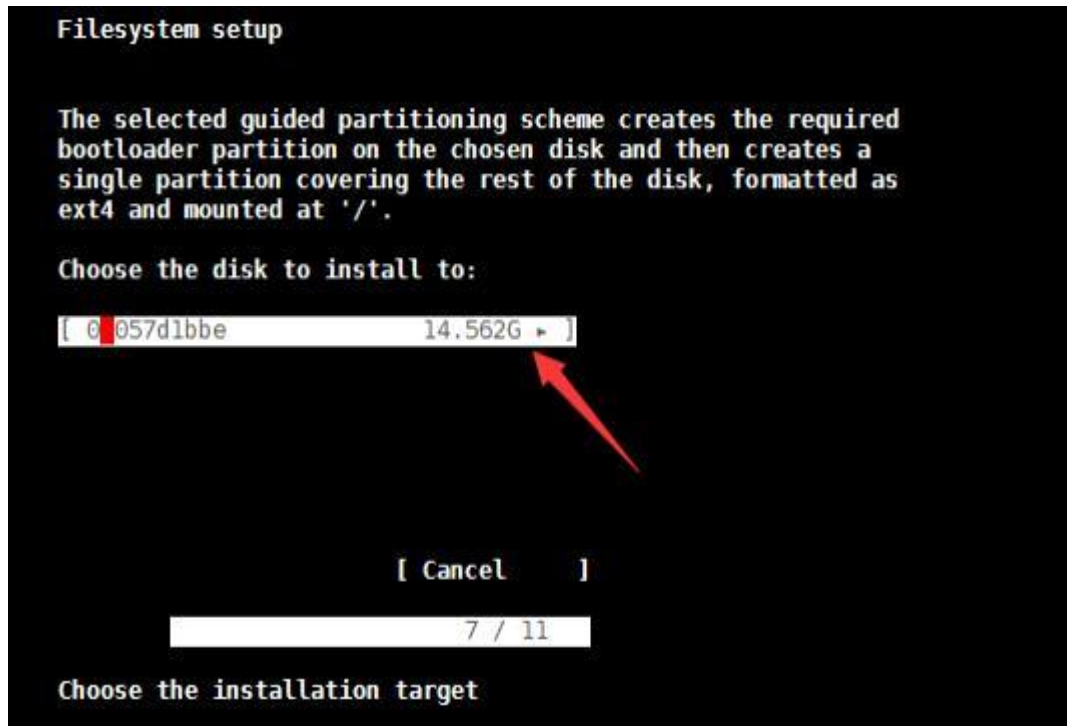
9, 出现下图选择 Done。



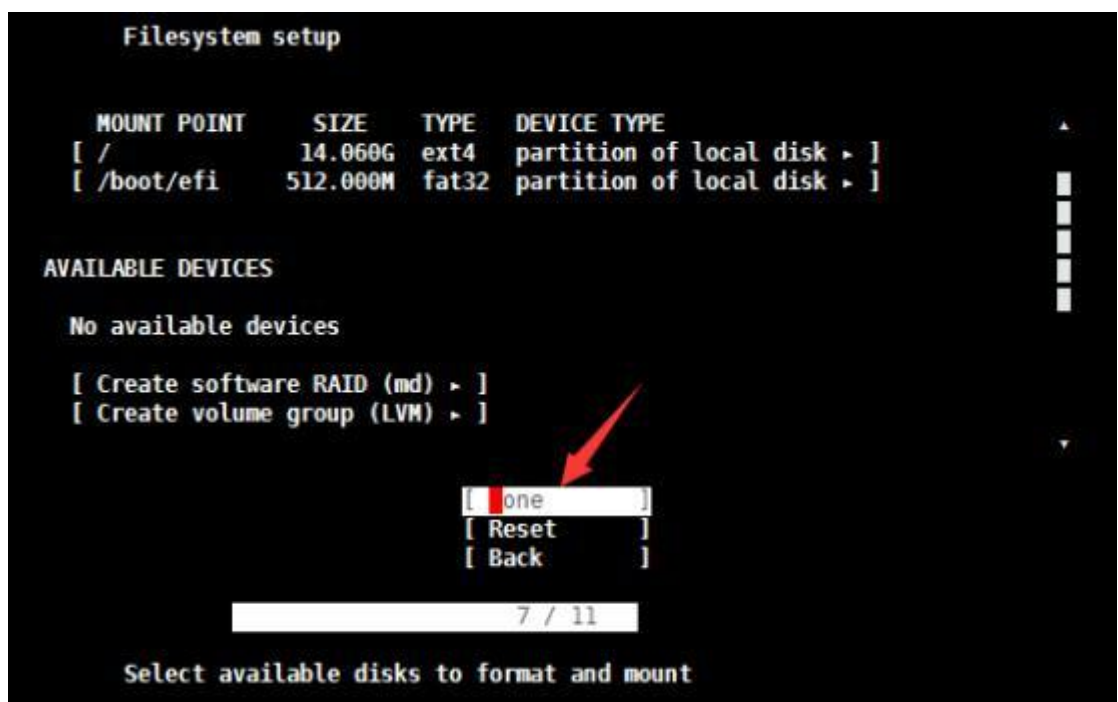
10, 按照下图箭头选择, 使用整个磁盘进行安装。



11, 选择需要安装系统的磁盘, 当前只有 EMMC 一个存储。

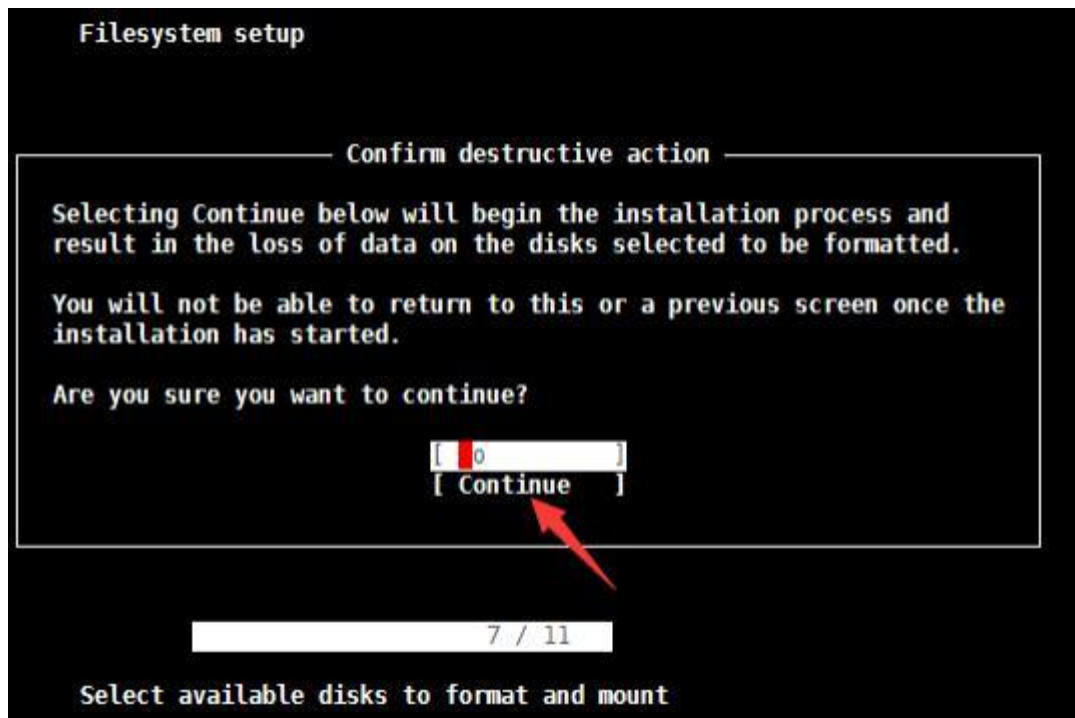


12, 按照下图选择 Done。



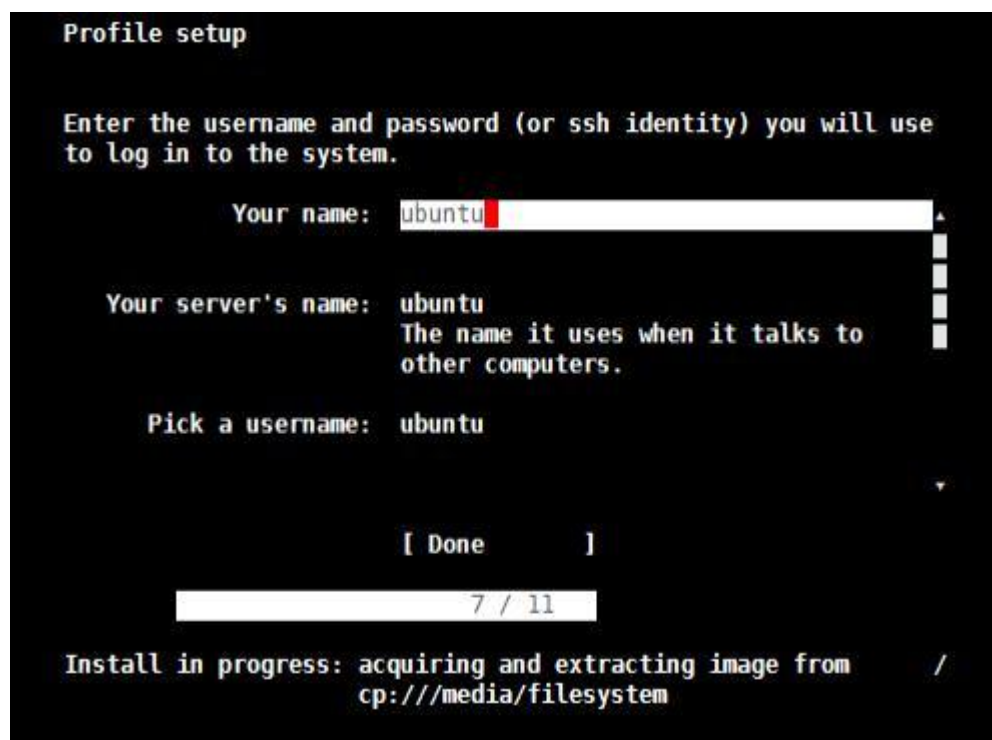


13, 选择 continue。

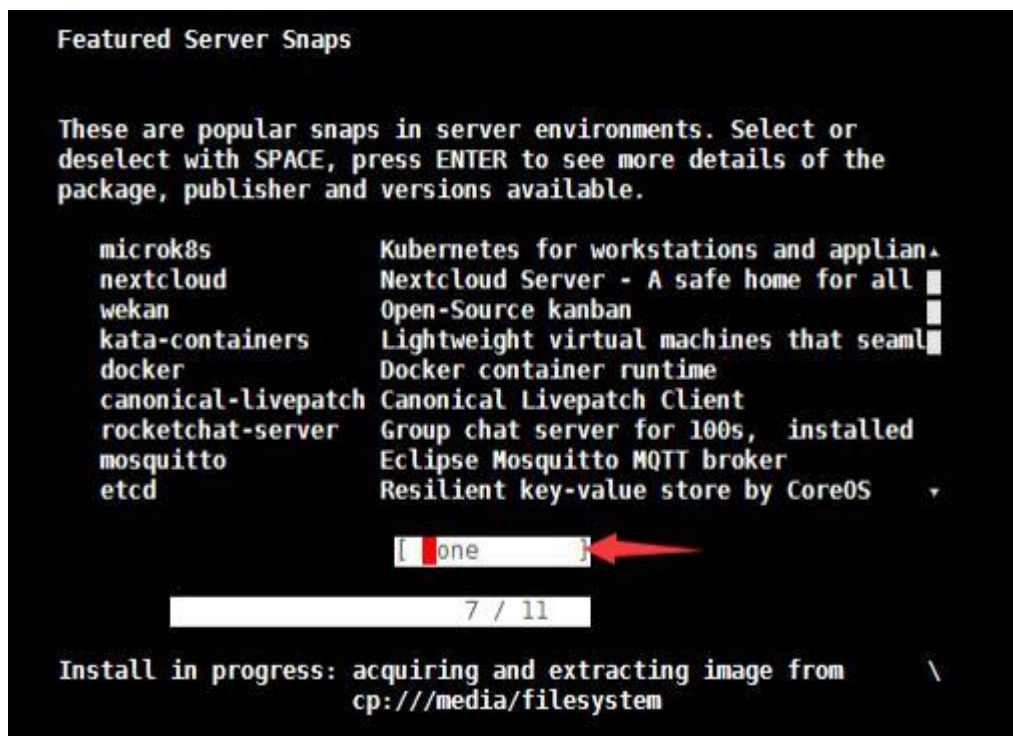


14, 输入用户名和密码。然后选择 done。

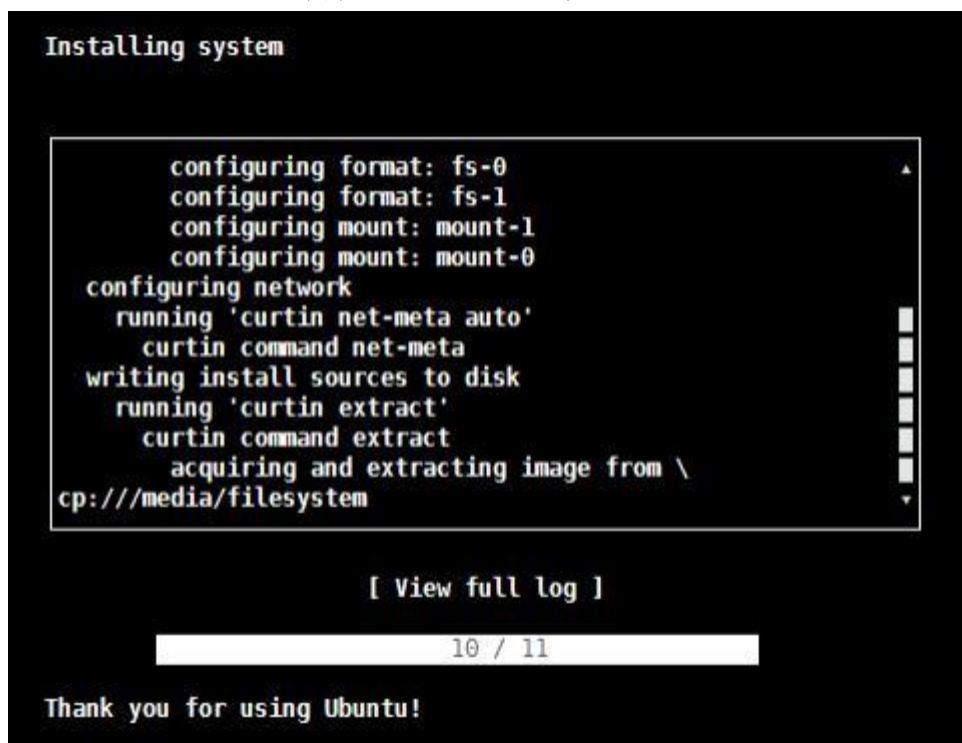
注意：用户名不可以用纯数字。



15, 出现下图选择 Done。



16, 出现下图界面一直等待安装，直到安装完成。



17, 当看到出现如下图里面的 Installation complete。表示安装完成。  
直接 reboot Now 就可以了。

```
Installation complete!

----- Finished install! -----
installing kernel
setting up swap
apply networking config
writing etc/fstab
configuring multipath
updating packages on target system
configuring pollinate user-agent on target system
finalizing installation
  running 'curtin hook'
    curtin command hook
  executing late commands

[ View full log ]
[ Reboot Now ]

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Thank you for using Ubuntu!
```