

Ubuntu 16.04 Graphical Installation Guide

V1.0

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<u>Version</u>

Version	Date	Editor	Comment
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Purpose

This guide is to provide a simple step-by-step guidance for users to follow on how to install Ubuntu OS on Advantech server.

Requirements

- a. Internet connection
- b. DVD burner with blank DVD medium or USB stick drive of minimum 2GB size

Before Installing Ubuntu

- a. Download Ubuntu image from Official Ubuntu download page
- b. Create bootable DVD or USB stick
 - Please go to <u>How to burn a DVD on Windows from official Ubuntu</u> <u>tutorials</u>
 - Please go to <u>Create a bootable USB stick on Windows from official</u> <u>Ubuntu tutorials</u>

Procedures

- a. Boot from install media
 - 1. Put the Ubuntu DVD into your DVD drive or insert the USB stick or other install media.
 - Power up the Advantech server and go to the BIOS by hitting the "DEL" or "F2" key.





3. In BIOS setup menu, move to the "Save&Exit" menu. You can select the DVD or USB stick in the "Boot Override" Menu. Boot Override will modify the boot order for a single boot process only and will automatically revert back to the original boot priority. After making these changes leave the Setup Menu via "Save&Exit".

Save Changes and Exit Discard Changes and Exit Save Changes and Reset Discard Changes and Reset	Exit system setup after saving the changes.
Save Options	
Save Changes	
Discard Changes	
Restore Defaults	
Save as User Defaults	
Restore User Defaults	++: Select Screen
	11: Select Item
Boot Override	Enter: Select
UEFI: Built-in EFI Shell	+/-: Change Opt.
ubuntu (P4: INTEL SSDSCKJW180H6)	F1: General Help
SSATA P4: INTEL SSDSCKJW180H6	F2: Previous Values
UEFI: Linux File-Stor Gadget0414	F3: Optimized Defaults
UEFI: Linux File-Stor Gadget0414, Partition 1	F4: Save & Exit
	ESC: Exit



4. After a few seconds, you should see messages like those shown below on the

screen.



- 5. Select "Install Ubuntu Server" to install on Advantech server.
- b. Start to install Ubuntu OS on Advantech server.
 - 1. Choose your language

Language: C - No localization * Albanian - Shqip * Arabic - マナナ Asturlan - Atvulanu * Basque - Euskara Belanuslan - Ebsanski Bulgarlan - Ebsanski Dulgarlan - Ebsanski Dinese (Traditional) - 中文(情報) * Croatian - Hrvatski Croatian - Hrvatski Croatian - Hrvatski Croatian - Hrvatski Croatian - Hrvatski Croatian - Hrvatski Balish - Dansk Danish - Dansk Balish - Esperanto Esperanto Estonian - Essi Finelsh - Galego Bernan - Deutsch Bernan - Deutsch Balician - Galego Bernan - Deutsch Hungarlan - Hrvatski Greek - EtaNjukků Hebrew - Jrruj Hungarlan - Magyan Icelandic - Islenska Irish - Gaelge Irish - Gaelge Irish - Gaelge Irish - Gaelge Kazakh - Kazaki Korean - Dutski *	Choose the language to be used for for the installed system.		ct a language ⊣ ss. The selected language will also be the default language
Albanian - Shqip Arabic - q+2+ Asturlan - Asturlanu Basque - Euskana Belanuslan - Benapyckan Bosnian - Benapyckan Bosnian - Benapyckan Bollgarlan - Euskana Bollgarlan - Benapyckan Catalan - HTX(間体) Chinese (Simplified) - HTX(間体) Chinese (Traditional) - UX(冒険) Croatian - Cestina Danish - Dansk Dutch - Nederlands Experanto - Esperanto Esperanto - Esperanto Findish - Suomi French - Françals Balexian - D''''''''''''''''''''''''''''''''''''	Language:		
		Albanian Anabic Arabic Asturian Basque Belarusian Bosnian Buigarian Catalan Chinese (Simplified) Chinese (Traditional) Croatian Croatian Croatian Czech Danish Dutch Esperanto Estonian Finnish Finnish French Galician Greek Hebrew Hebrew Hebrew Hebrew Humgarian Irelandic Indonesian Irish Italian Japanese Kazakh Korean	 Shqip Shqip Shqip Bushama Bu
KGD Back>	<go back=""></go>		



2. Choose your location



3. Choose the correct keyboard layout



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[1] Configure the keyboard
The layout of keyboards varies per country, with some countries having multiple common layouts. Please select the country of origin for the keyboard of this computer.
Country of origin for the Keyboard:
Afghani + Albanian 📓
Ambaric Ambaric Arabic
Anabic (Morocco) Anabic (Syria)
Armenian Azerbaijani Bambara
Bangta Belarusian
Belgian Bosnian
Braille Bulgarian Burmese
Chinese Croatian
Czech Oanish Delucek
Dhlvehi Dutch Ozongkha
English (Cameroon) English (Ghana)
English (Nigerla) English (South Africa) English (UK)
Englistan (US) Esperanto
Estonian Fanoese
Filipino B Finnish *
<go back=""></go>
ab> moves: <space> selects: <enter> activates buttons</enter></space>
[1] Configure the Keyboard
Please select the layout matching the keyboard for this machine.
Keyboard layout:
English (US) English (US) - Cherokee English (US) - English (Colemak)
English (US) – English (Dvorak alternative international no dead keys) English (US) – English (Dvorak)
English (US) - English (Ovorak, international with dead keys) English (US) - English (Macintosh) English (US) - English (Programmer Dvorak)
Erigilsh (US) – Erigilsh (Programmer Dourak) Erigilsh (US) – Erigilsh (US, alternative international) Erigilsh (US) – English (US, international with dead keys)
English (US) – English (US, with euro on 5) English (US) – English (Korkman)
English (US) – English (Horkman, international with dead keys) English (US) – English (classic Dvorak) English (US) – English (international AltGr dead keys)
English (US) — English (left handed Dvorak) English (US) — English (right handed Dvorak)
English (US) – English (the divide/multiply keys toggle the layout) English (US) – Russian (US, phonetic)
English (US) - Serbo-Croatian (US) <go back=""></go>
Tab> moves; <space> selects; <enter> activates buttons</enter></space>



4. Configure the network with DHCP if there is a DHCP server in the network.



5. Enter the hostname of the system





6. Log-in as a root user directly is not allowed by Ubuntu. Therefore, you need

to create a new system user for the initial login.







7. Choose a password for the new user



8. Re-enter password to verify

Please enter the same user pass Re-enter password to verify:	et up users and passwords sword again to verify you h		
exemution [] Show Password in Clear <60 Back>		KDontinues	



9. If the password you set is too weak, then the installation will warn you by showing below message on the screen.





10. Configure the clock



11. Choose partition disks





12. Choose a disk device



13. Confirm disk device





14. Confirm partition









15. Configure the package manager





16. Choose software to install



17. Installation complete







18. First time log-in screen after the system reboot.

