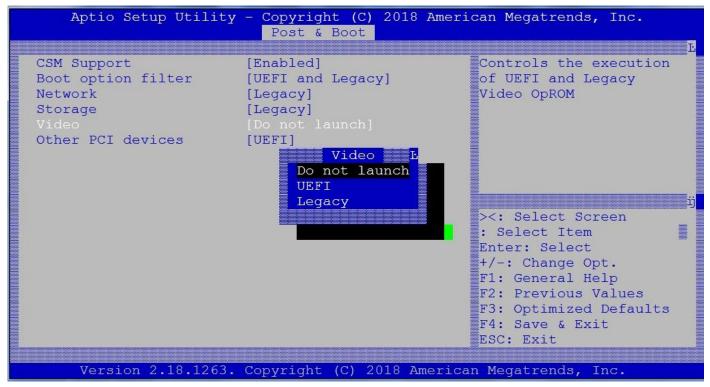
For Ubuntu 16.04 or new version

 New Ubuntu installation UI seems to support graphic mode, it needs modifying "/isolinux/isolinux.cfg" to disable UI function, we suggest using a utility (ex: rufus) to flash ISO to USB flash, and please look following segment to modify /isolinux/isolinux.cfg

# D-I config version 2.0
# search path for the c32 support libraries (libcom32, libutil etc.)
path
include menu.cfg
default vesamenu.c32
prompt 0
timeout 0
#ui gfxboot bootlogo

Rufus webpage :<u>https://rufus.akeo.ie/?locale=e</u>

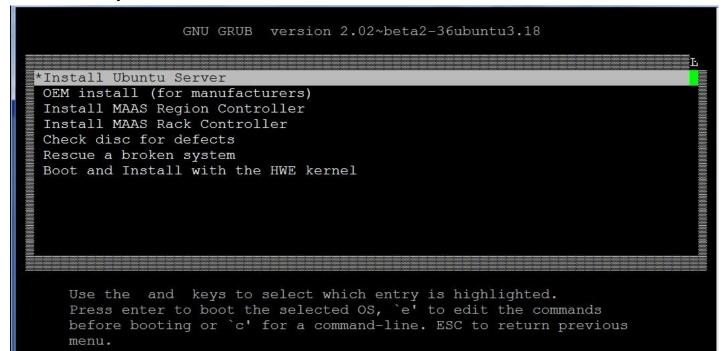
 If system supports VGA function and user needs using console-redirection to install Ubuntu OS, Please set video as "Do not launch" to disable VGA function. Post & boot -> CSM Parameters -> video



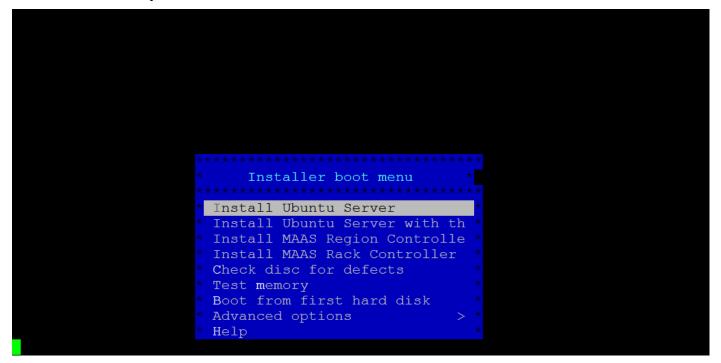
3. Please choose Boot Option #1 "UEFI: XXXXXXX", XXXXX means Ubuntu installation USB flash.

Aptio Setup Utility - Copyright (C) Main Platform Hardware Post & Boot	
Setup Prompt Timeout 1	Sets the system boot
Bootup NumLock State [On]	order
Quiet Boot [Disabled]	
Fast Boot [Disable]	
Network Stack [Disabled]	
Boot Optio	n #1L
Boot Option P UEFI: Built-in EFI Shell	
Boot Option # IBA GE Slot 0100 v1570	
Boot Option # UEFI: SanDisk Cruzer Edge	8.02, Partition 1
Boot Option # SanDisk Cruzer Edge 8.02	u de la companya de l
Boot Option # Disabled	Screen
	em
Network Device	ct
Hard Drive BBS Priorities	+/-: Change Opt.
	F1: General Help
CSM16 Parameters	F2: Previous Values
CSM Parameters	F3: Optimized Defaults
	F4: Save & Exit
	ESC: Exit
Version 2.18.1263. Copyright (C) 20	18 American Megatrends, Inc.

- 4. Please save BIOS, and system will boot from USB flash by UEFI mode.
- Please choose "Install Ubuntu Server. If user needs using console-redirection to install Ubuntu OS, please press "C" to modify grub setting, if not, please press "Enter" key to install Ubuntu OS



PS: the UEFI installation menu is "black-white", and :Legacy installation menu is "blue-white" by console-redirection mode.



Please add "console=ttyS0, 115200" in grub setting If user needs using console-redirection to install Ubuntu OS, and press X to execute Ubuntu OS installation

GNU GRUB version 2.02~beta2-36ubuntu3.18 Τ. setparams 'Install Ubuntu Server' set gfxpayload=keep linux /install/vmlinuz file=/cdrom/preseed/ubuntu-server.se/ ed quiet --- console=ttyS0,115200 initrd /install/initrd.gz 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.

# Please follow Ubuntu installation instruction to install UEFI Ubuntu OS in FWA-T011.

x	qu Loading additional components tqqqq	וקקקקקקקקקקקקקק
X	20%	
∧ x Retrieving nic-firm	mware	
x		
nddddddddddddddddddd	qqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqq	ddddddddddddddd

It recommends to choose "Force UEFI installation" as yes at "[!!] Partition disks" step.

lqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqq	qk
X	Х
x This machine's firmware has started the installer in UEFI mode but it	х
x looks like there may be existing operating systems already installed	х
x using "BIOS compatibility mode". If you continue to install Debian in	x
x UEFI mode, it might be difficult to reboot the machine into any	Х
lx BIOS-mode operating systems later.	X
XX	X
xx If you wish to install in UEFI mode and don't care about keeping the	Х
	Х
xx force that here. If you wish to keep the option to boot an existing	X
xx operating system, you should choose NOT to force UEFI installation	Х
mx here.	Х
X	х
x Force UEFI installation?	Х
X	Х
x <go back=""> <yes> &lt;<mark>N</mark>o&gt;</yes></go>	Х
X	Х
mdddddddddddddddddddddddddddddddddddd	ij

<Tab> moves; <Space> selects; <Enter> activates buttons

#### Please follow user requirement to choose an item of "Partitioning method:"

x The installer can guide you through partitioning a disk (using x different standard schemes) or, if you prefer, you can do it x manually. With guided partitioning you will still have a chance later x to review and customise the results. x If you choose quided partitioning for an entire disk, you will next x be asked which disk should be used. Х x Partitioning method: Guided - resize SCSI2 (0,0,0), partition #2 (sda) and use freed s Х Guided - use entire disk а Guided - use the largest continuous free space <mark>G</mark>uided - use entire disk and set up LVM а Guided - use entire disk and set up encrypted LVM <Go Back> Tab> moves; <Space> selects; <Enter> activates buttons

### Please follow user requirement to choose an item of "[!] Configuring tasksel"

lqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqq	qqk
X	X
x Applying updates on a frequent basis is an important part of keeping	Х
x your system secure.	Х
X	Х
x By default, updates need to be applied manually using package	X
x management tools. Alternatively, you can choose to have this system	X
x automatically download and install security updates, or you can	X
x choose to manage this system over the web as part of a group of	X
x systems using Canonical's Landscape service.	X
X	X
x How do you want to manage upgrades on this system?	X
X	X
x No automatic updates	X
x Install security updates automatically	Х
x Manage system with Landscape	X
X	X
wddddddddddddddddddddddddddddddddddddd	iddi

moves; <Space> selects; <Enter> activates buttons

#### Please follow user requirement to choose software item of "[!] Software selectionl"

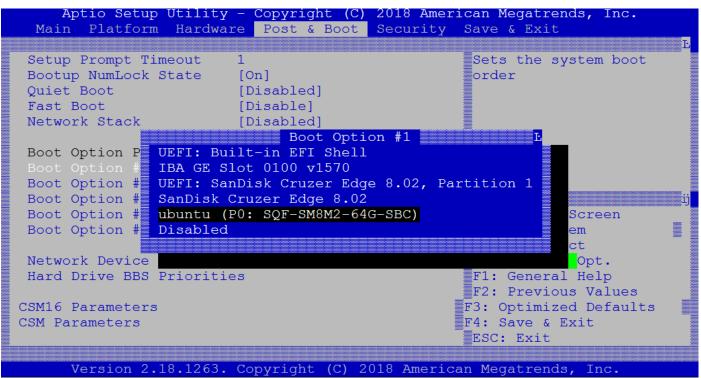
x At the moment, only the core of the system is installed. To tune the x system to your needs, you can choose to install one or more of the x following predefined collections of software. Х Choose software to install: [ ] Manual package selection [ ] DNS server LAMP server [ ] Mail server [ ] PostgreSQL database [ ] Samba file server Х [\*] standard system utilities Х [] Virtual Machine host Х [ ] OpenSSH server <Continue> Х Х 

## Please choose <Continue> at "[!!] Finish the installation"

x Installation complete x xx Installation is complete, so it is time to boot into your new system. x xx Make sure to remove the installation media (CD-ROM, floppies), so x xx that you boot into the new system rather than restarting the x xx installation. x xx mx <go back=""> &lt;</go>	laadaadaadaadaadaaan [;;] ;	Finish the installation tqqqqqqqqqqqqqqqqqqqqqq	qk
<pre>xx Installation is complete, so it is time to boot into your new system. x xx Make sure to remove the installation media (CD-ROM, floppies), so x xx that you boot into the new system rather than restarting the x xx installation. xx mx <go back=""> </go></pre>			
<pre>xx Make sure to remove the installation media (CD-ROM, floppies), so x xx that you boot into the new system rather than restarting the x xx installation. xx mx <go back=""> <continue> x x</continue></go></pre>	lx I	nstallation complete	x
<pre>xx that you boot into the new system rather than restarting the x xx installation. xx mx <go back=""> <continue> x x</continue></go></pre>	xx Installation is complete,	so it is time to boot into your new system.	X
xx installation. xx mx <go back=""> x x x x x x x x x x x x x</go>	xx Make sure to remove the in	nstallation media (CD-ROM, floppies), so	Х
xx x mx <go back=""> x x x x</go>	xx that you boot into the new	w system rather than restarting the	Х
mx <go back=""> <continue> x x x x x</continue></go>	xx installation.		X
X X	XX		X
	mx <go back=""></go>	< <mark>C</mark> ontinue>	Х
	X		X
mdddddddddddddddddddddddddddddddddddd	wddddddddddddddddddddddddd	<u> </u>	qj

(Tab> moves; <Space> selects; <Enter> activates buttons

BIOS will shows "Ubuntu (XXXXX)" boot item after UEFI OS installation finish", and please choose this item as "Boot Option #1"



And It will show following GRUB boot-loader menu.

GNU GRUB version 2.02~beta2-36ubuntu3.18	
*Ubuntu   *Ubuntu   Advanced options for Ubuntu   System setup           	
+Use the ^ and v keys to select which entry is highlighted. Press enter to boot the selected OS, `e' to edit the commands before booting or `c' for a command-line. ESC to return previous menu.	+

# Following segment is a list of UEFI HDD partition, it has an item for "EFI System Partition"

ae@ubun	tu:~\$ su	do parte	d -1				
[sudo] password for ae:							
Sorry,	Sorry, try again.						
[sudo]	[sudo] password for ae:						
Model:	Model: ATA SQF-SM8M2-64G-SB (scsi)						
Disk /dev/sda: 64.0GB							
Sector size (logical/physical): 512B/512B							
Partition Table: gpt							
Disk Flags:							
Number	Start	End	Size	File system	Name	Flags	
1	1049kB	538MB	537MB	fat32	EFI System Partition	boot, esp	
2	538MB	63.0GB	62.5GB	ext4			
3	63. OGB	64.0GB	1024MB	linux-swap(v1)			