



K01 Series ThinManager Ready Setup Guide

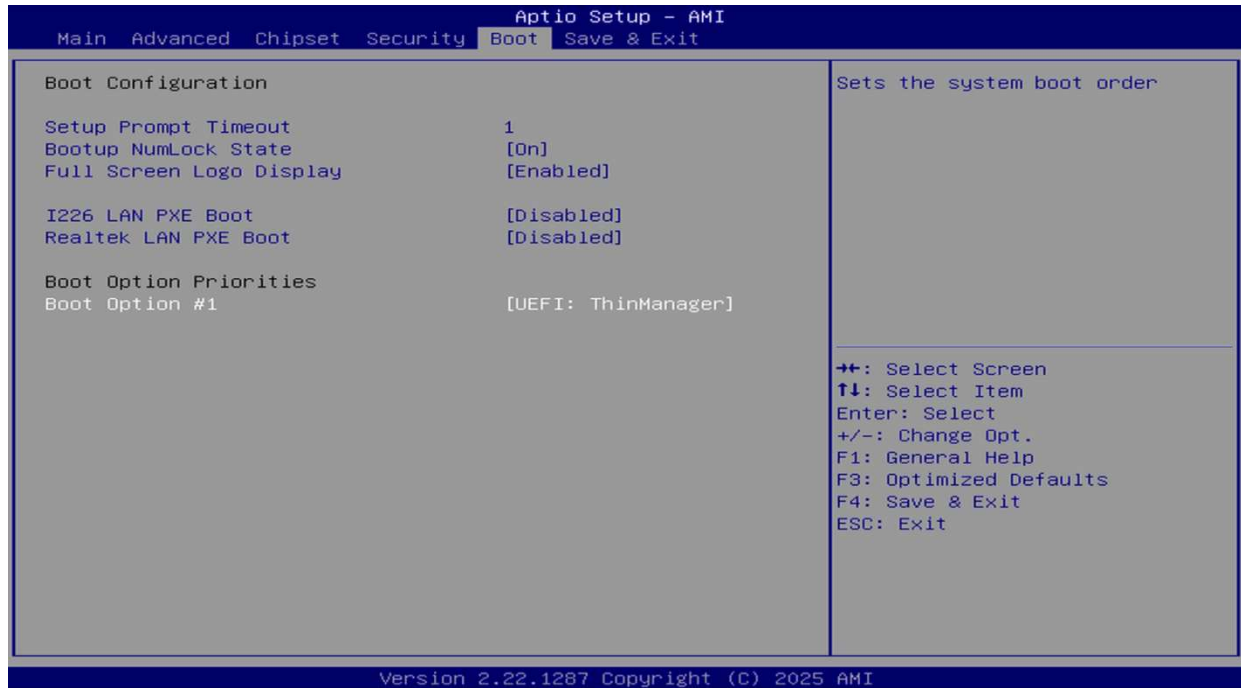
1. Initial Setup

Press any key to enter Setup screen.





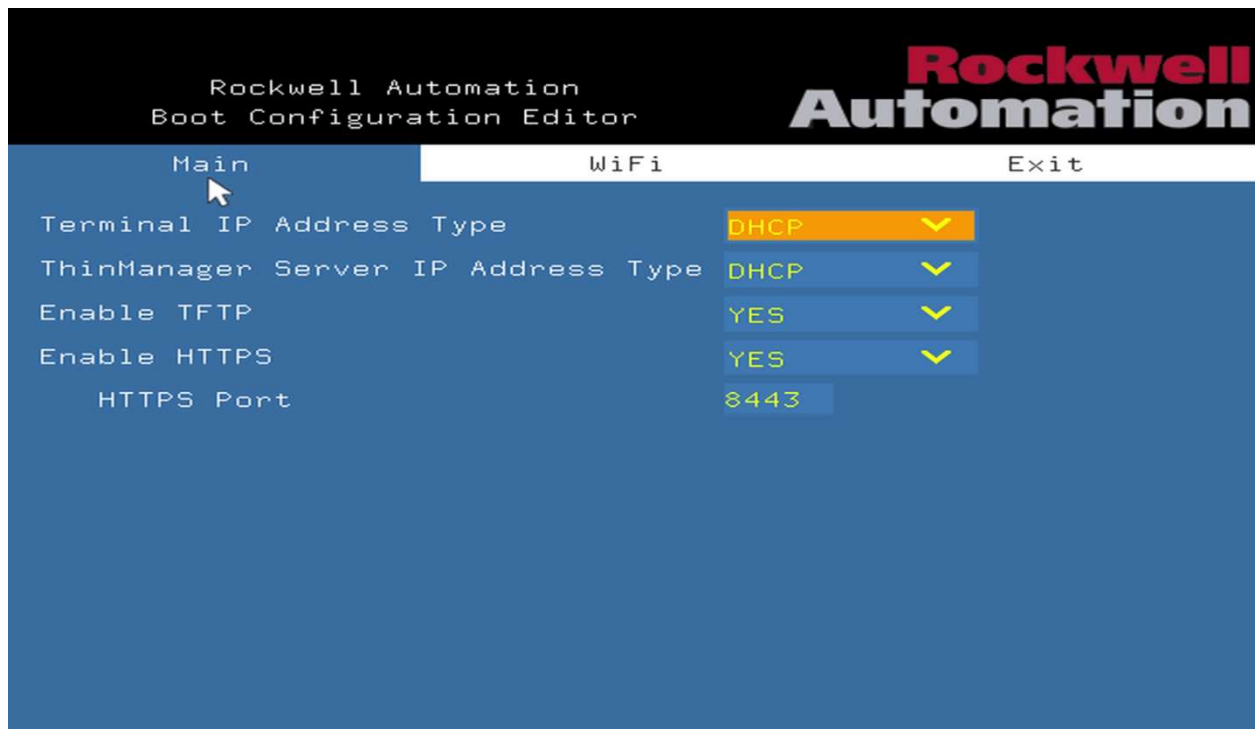
If you don't see the above screen, then go to BIOS setup to ensure "UEFI:ThinManager" is in Boot Option # 1 in Boot Setup. Please refer to the screen capture below:





2. Wired LAN Boot

The Main setup is to setup Terminal IP and ThinManager Server IP for booting from wired LAN connection. The default is set to DHCP:



- a) Both Terminal IP and ThinManager Server IP can set to Static IP



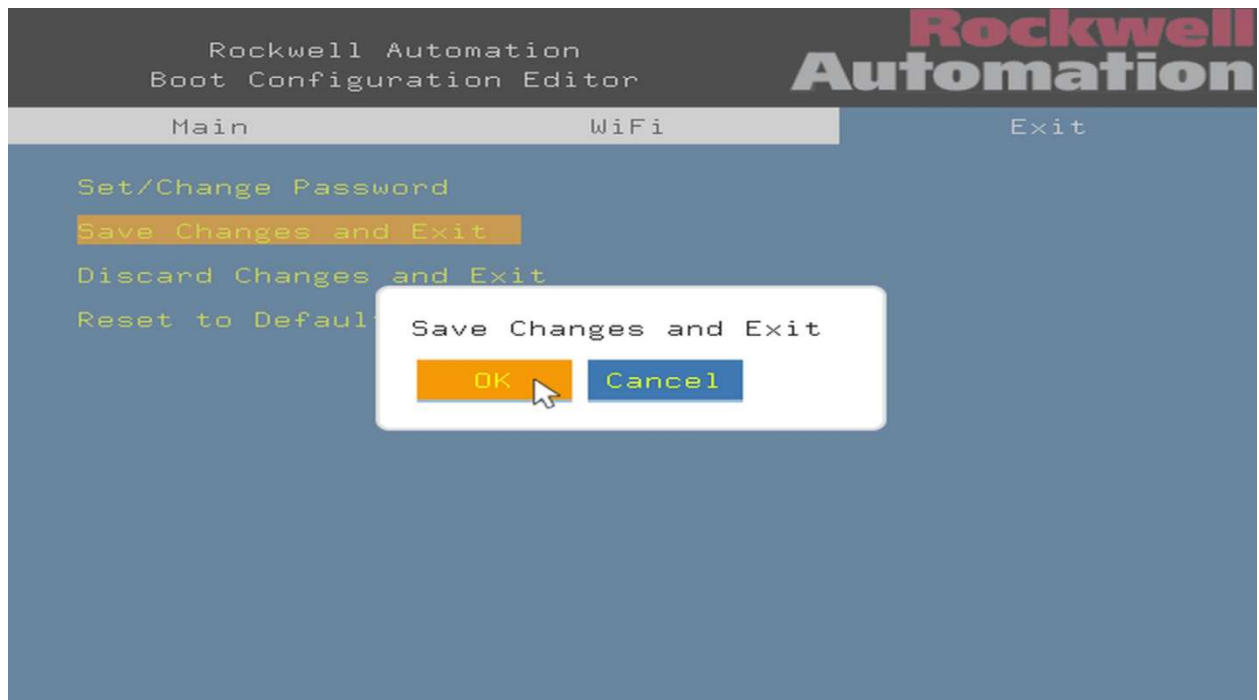
Rockwell Automation
Boot Configuration Editor

Rockwell Automation

Main WiFi Exit

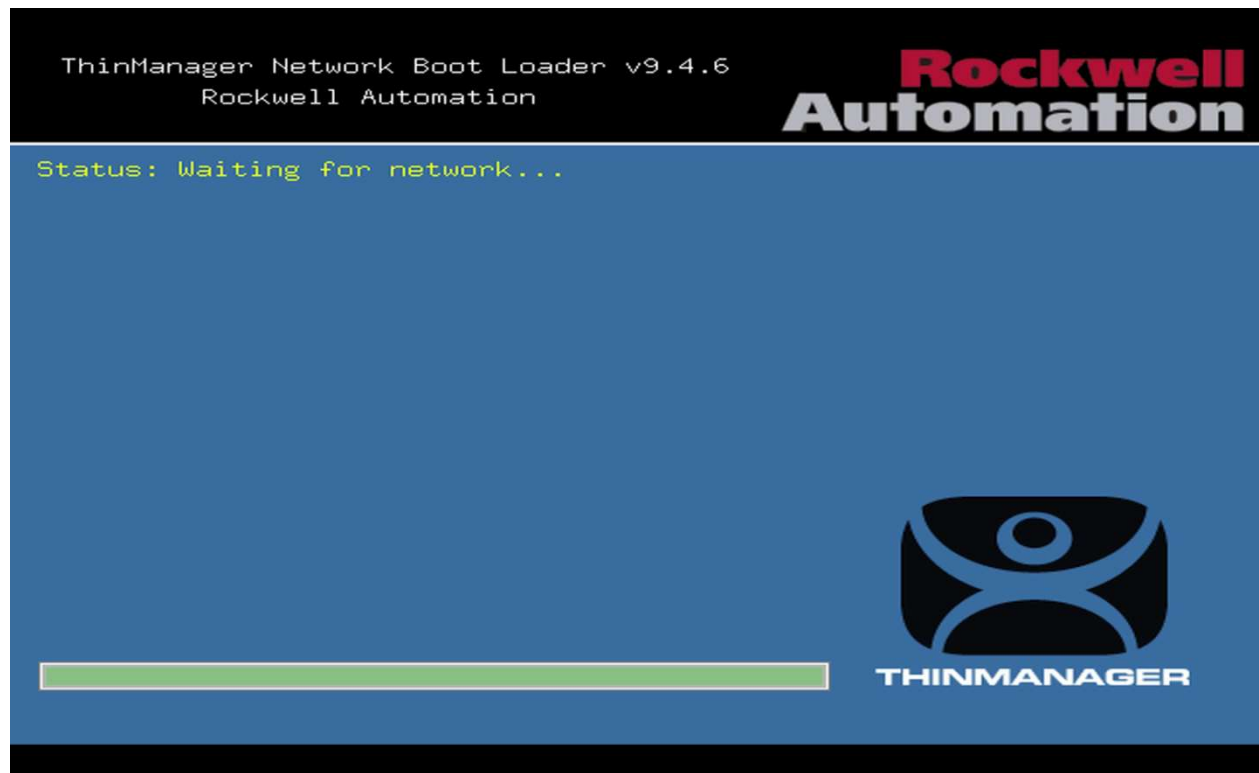
Terminal IP Address Type	STATIC	▼
Terminal IP Address		
ThinManager Server IP Address Type	STATIC	▼
Primary ThinManager Server IP Address		
Secondary ThinManager Server IP Address		
Router		
Subnet Mask	255.255.255.0	
DNS Server		
Enable TFTP	YES	▼
Enable HTTPS	YES	▼
HTTPS Port	8443	

- b) UDP/4900 - TFTP - Used for the TFTP download of the firmware.
- c) MicroBox-7521B-K01 can download firmware via HTTPS SSL tunnels to establish a secure connection with ThinManager Server. HTTPS encrypts data and reduces its size, which can lead to faster data transmission. Enable HTTPS allows the 7521B-K01 performing secure boot over HTTPS if port 8443 is open.
- d) Click on "Exit" on the top of the menu to save the changes you made and exit the setup settings.



Note: WIFI needs to be disabled if booting from wired LAN connection is desired. Click on WIFI on the top of menu to enter WIFI connection settings and make sure "Use wifi" is set to "NO"

After the changes are saved, the terminal will be waiting for network connection to ThinManager Server. Refer to the screen capture below.



The screen will display Terminal IP and ThinManager Server IP information as soon as connection to ThinManager Server is established. Please refer to the screen capture below.



ThinManager Network Boot Loader v9.4.6
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Terminal IP Information

Manufacturer	Arista
Model	K01_Series
IP Method	DHCP
Terminal IP	192.168.0.5
ThinManager Server	192.168.0.200
Router	162.168.0.1
Subnet Mask	255.255.255.0
MAC Address	70:D8:C2:5A:AA:3C

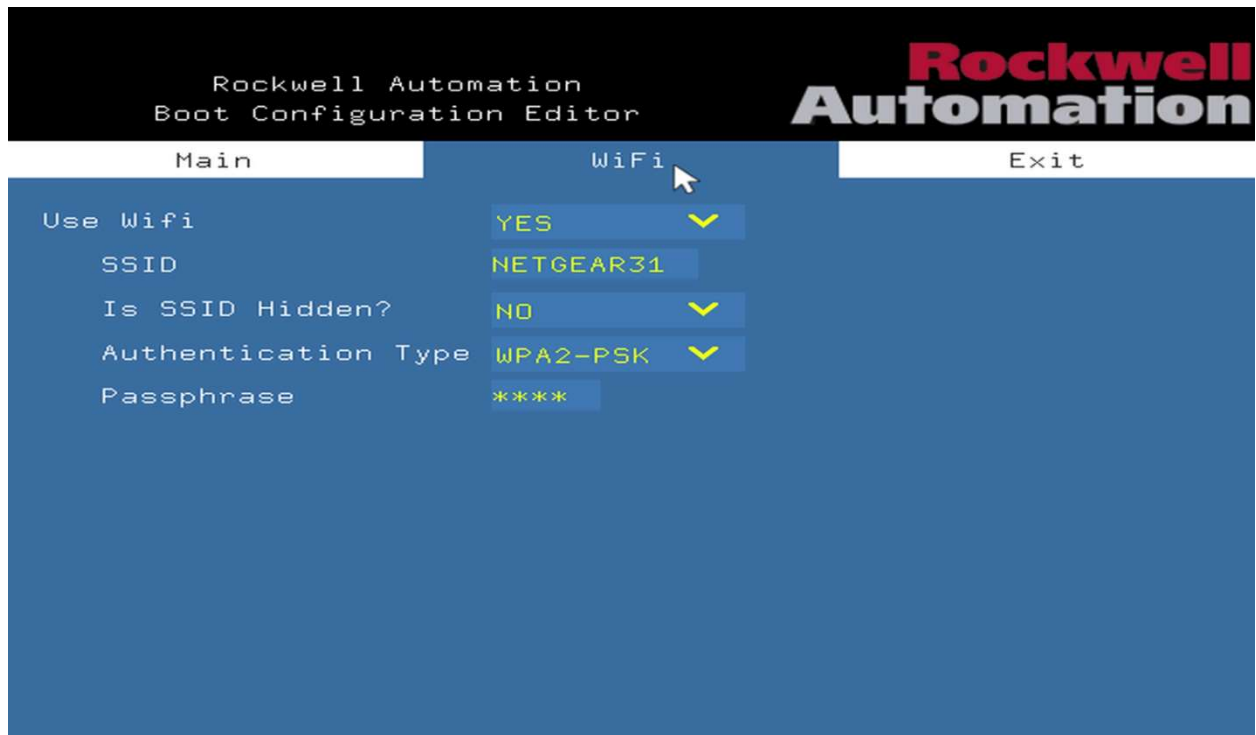


THINMANAGER

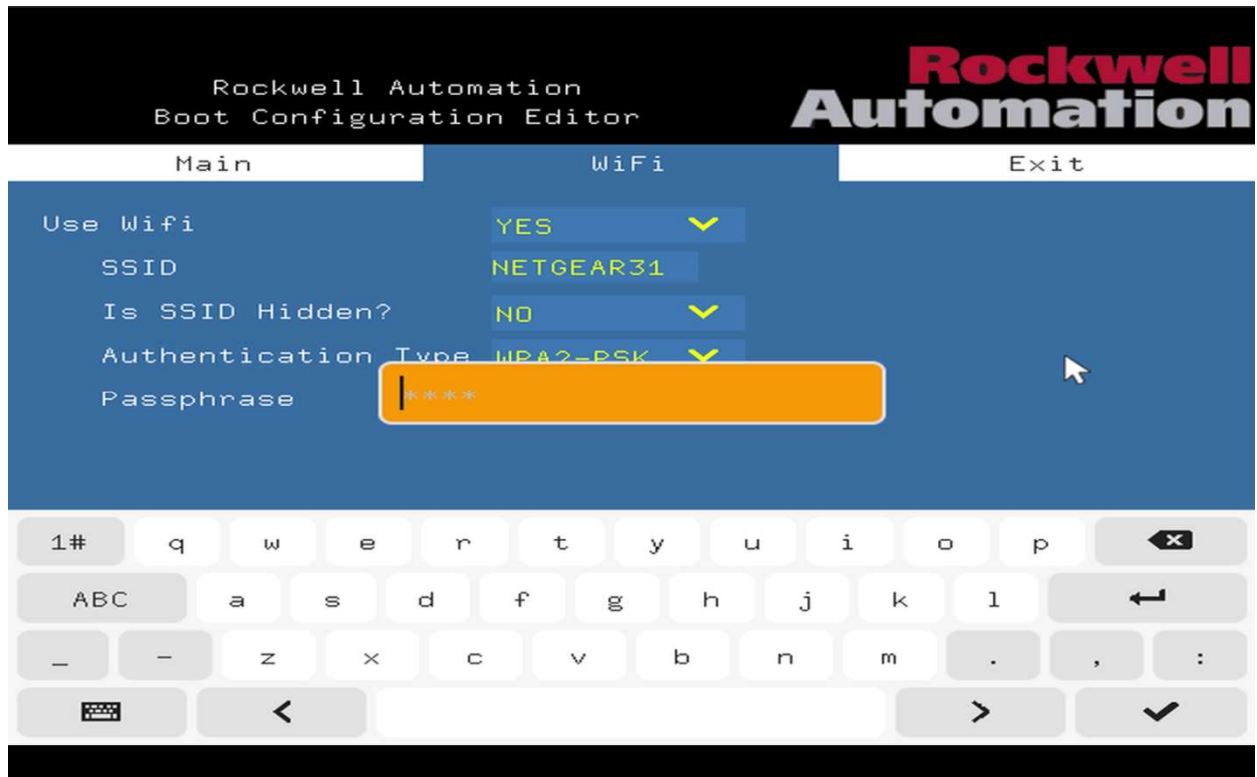


3. WIFI Boot

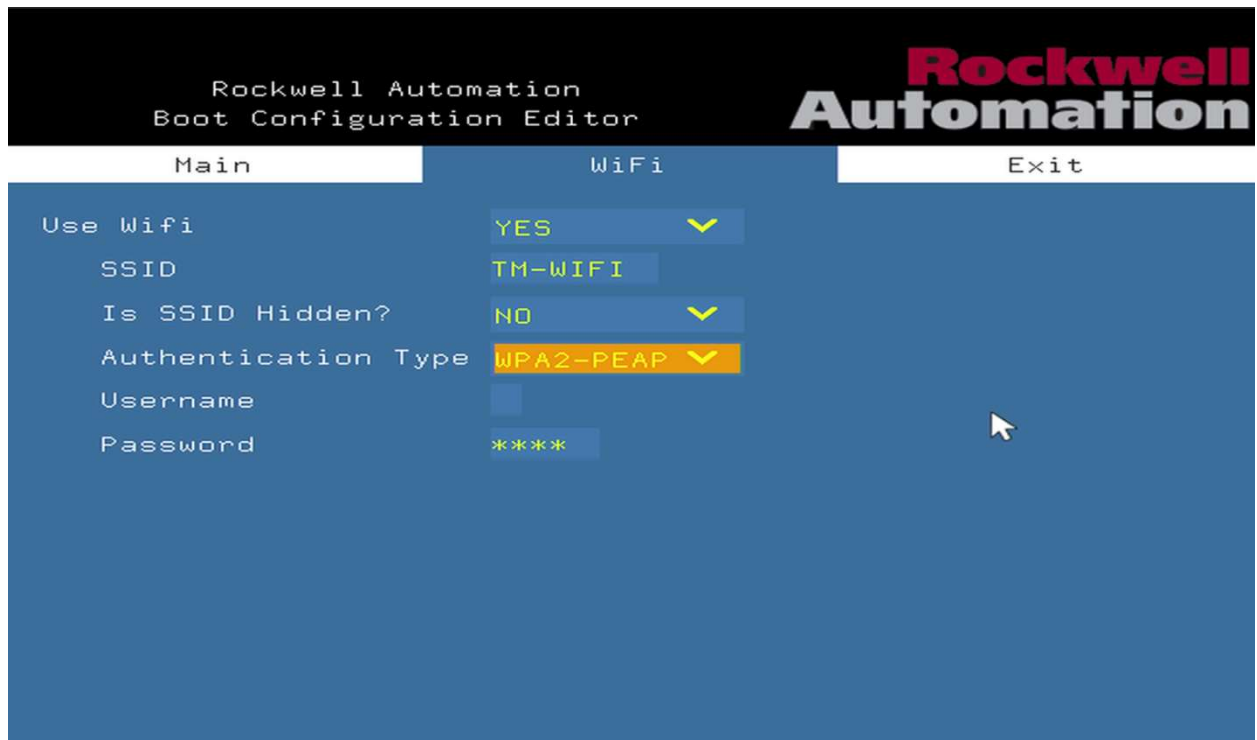
Click on WIFI on the top of menu to enter WIFI connection settings.



- a) "Use wifi" is set to "YES" to enable WIFI if booting from WIFI connection is desired.
- b) Enter Your WIFI AP SSID
- c) A hidden SSID is a wireless network name that is not visible to other users. It's created by disabling the SSID broadcast feature on a router. Enter YES if your WIFI AP does not broadcast SSID.
- d) ThinManager Support two authentication types: WPA2-PSK and WPA2-PEAP
- e) Enter Passphrase for WPA2-PSK shared password. Passphrase must be 8~63 characters.

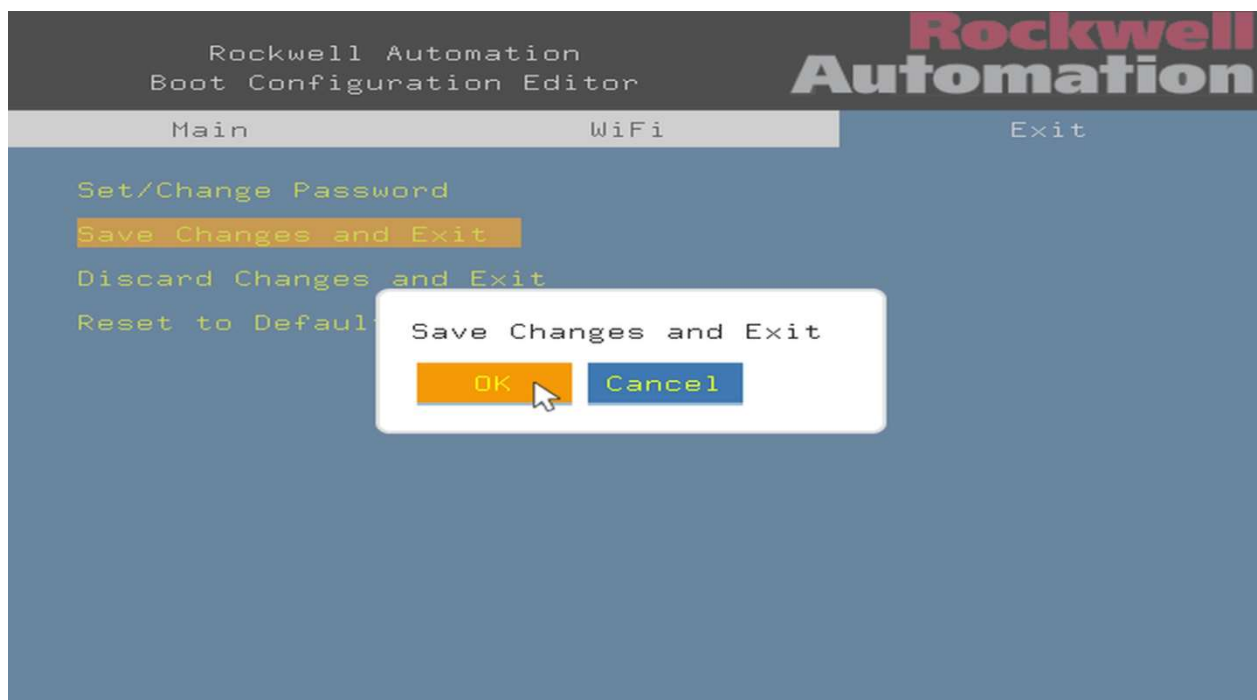
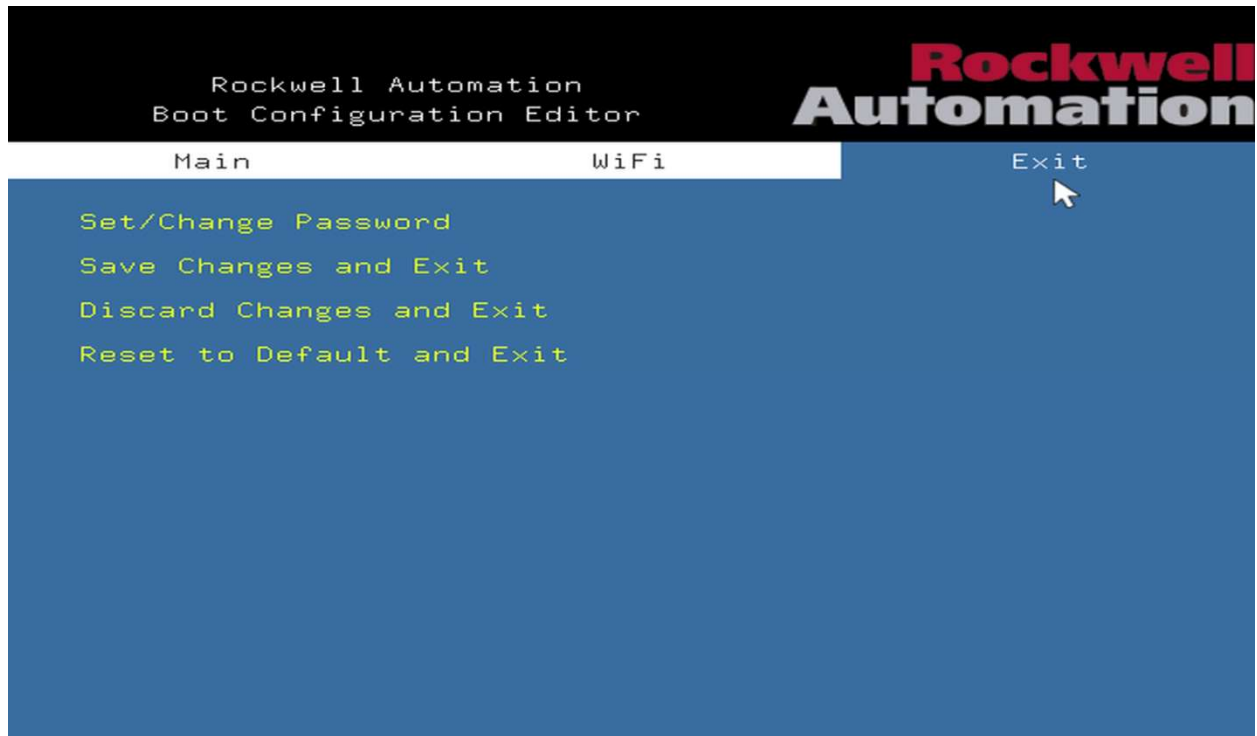


f) Enter user name and password if WPA2-PEAP is selected



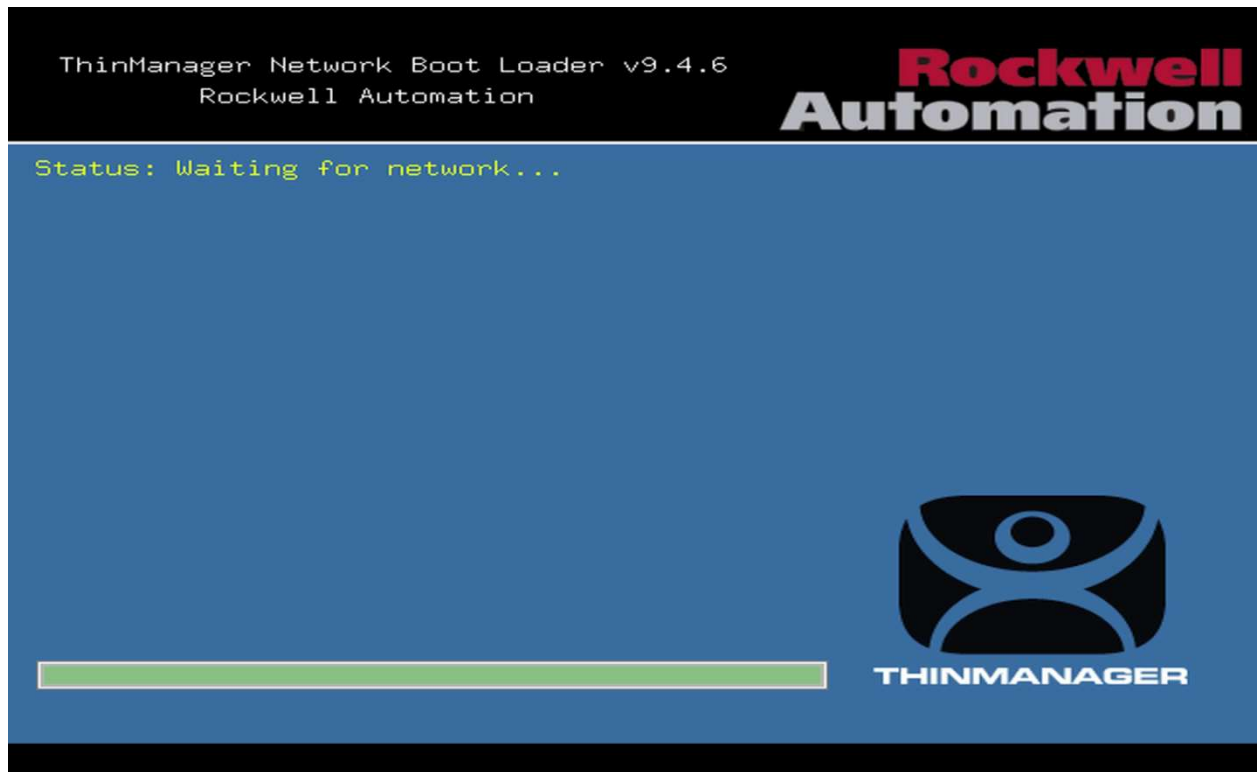


g) Click on “Exit” on the top of the menu to save the changes you made and exit the setup settings.



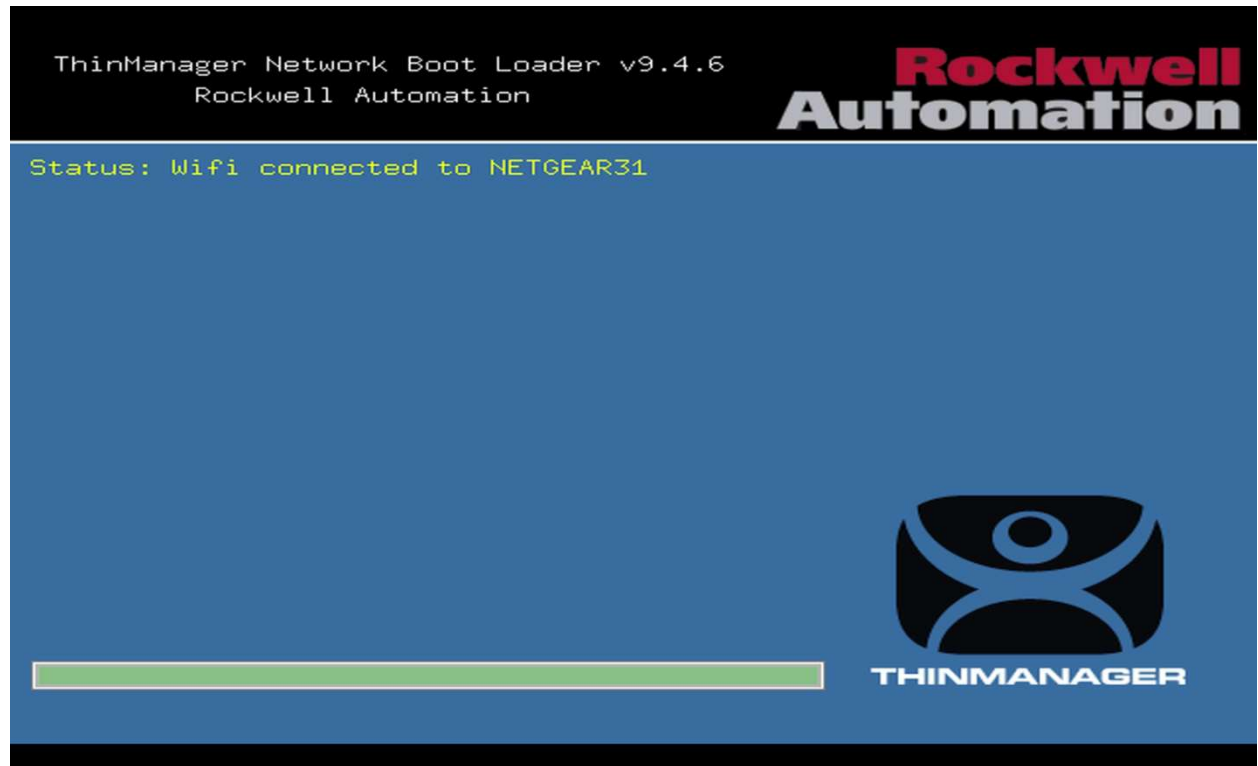


After the changes are saved, the terminal will be waiting for network connection to WIFI AP. Refer to the screen capture below.



The screen will be display WIFI connected to the WIFI AP you assigned. Please refer to the screen capture below.

Note: Check your WIFI AP setting if the message stays at “Waiting for Network...”



The screen will be display Terminal IP and ThinManager Server IP information as soon as connection to ThinManager Server is established. Please refer to the screen capture below.



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Terminal IP Information

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Model	K01_Series
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ThinManager Server	192.168.0.200
Router	162.168.0.1
Subnet Mask	255.255.255.0
MAC Address	70:D8:C2:5A:AA:3C



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