

TrueNAS® Mini X+ Out-of-Band Management

v.25011



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This document contains instructions for configuring out-of-band management from the BIOS, if needed. When the hardware supports IPMI, the TrueNAS web interface also has IPMI configuration options. For more details, see <https://www.truenas.com/docs/core/network/ipmi/>.

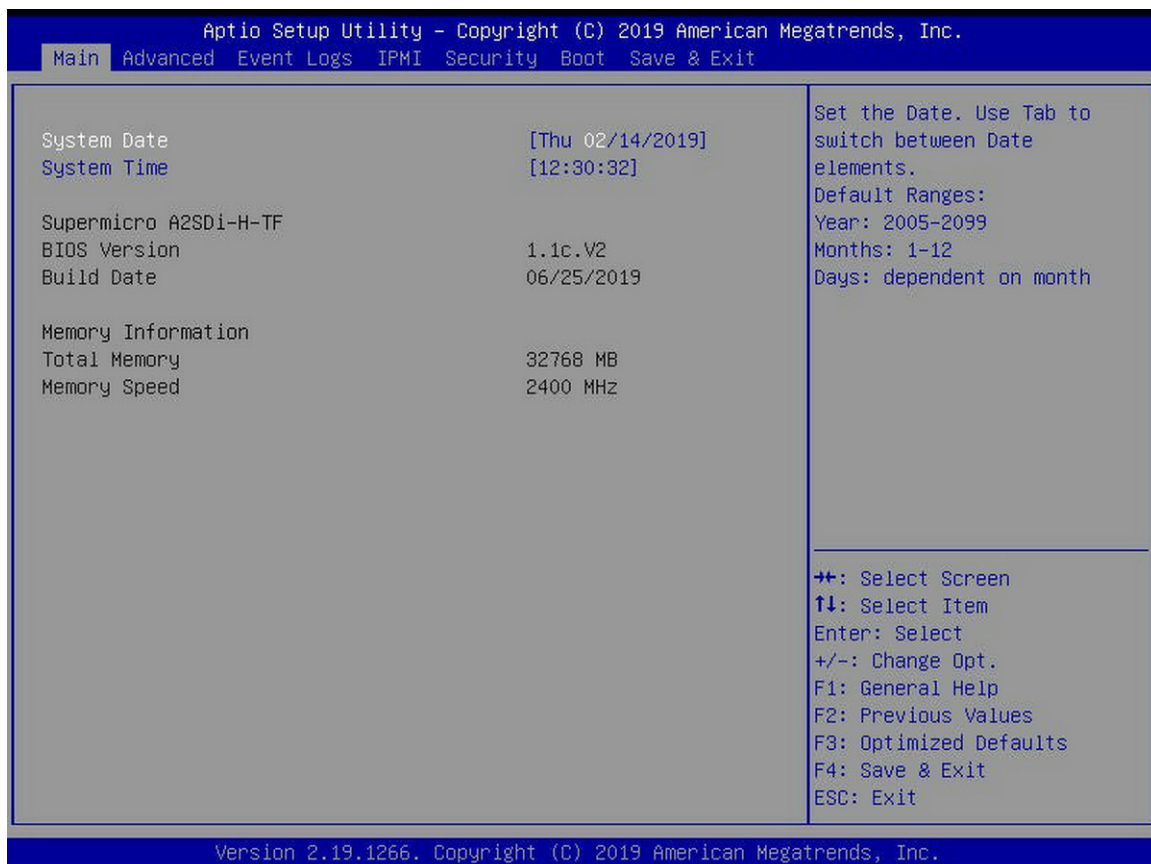
Out of Band Management enables remote control of the system. Administrative control options include powering the system on and off, resetting the configuration, and viewing the system log. Before attempting to configure TrueNAS for out-of-band management, ensure that the out-of-band management port is connected to an appropriate network. Refer to the TrueNAS Mini Basic Setup Guide included with your TrueNAS Mini for detailed instructions on how to connect to physical ports on the system.

Connect the out-of-band management port before powering on the TrueNAS Mini. You might also need to connect a monitor and keyboard.



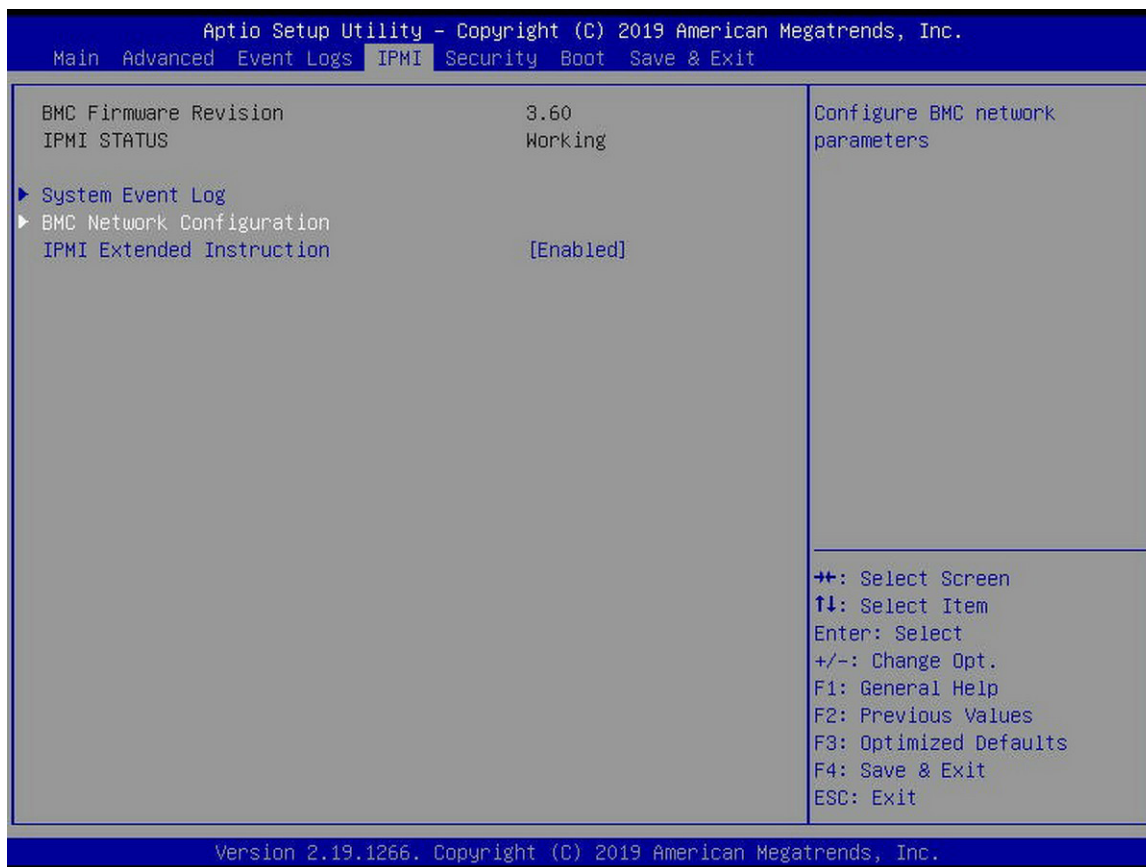
1 Access the BIOS

Press Delete at the splash screen while the TrueNAS Mini is booting to access the system BIOS.



1.1 IPMI Options

Select the IPMI tab and open the BMC Network Configuration options.



1.2 DHCP Address Configuration

Set **Update IPMI LAN Configuration** to **Yes** to see all options. Set the **Configuration Address Source** to **DHCP** to assign the out-of-band management IP address dynamically. The menu shows any IP addresses that have been assigned by DHCP.

Aptio Setup Utility - Copyright (C) 2019 American Megatrends, Inc.		
IPMI		
BMC Network Configuration		BIOS will set below setting to IPMI in next BOOT
IPMI LAN Selection	[Failover]	
IPMI Network Link Status:	Dedicated LAN	
Update IPMI LAN Configuration	[No]	
Configuration Address Source	[Static]	
Station MAC Address	ac-1f-6b-4b-b1-04	
Station IP Address	010.215.003.214	
Subnet Mask	255.255.255.128	
Gateway IP Address	010.215.003.129	
VLAN	[Disable]	
		↔: Select Screen ↑↓: Select Item Enter: Select +/-: Change Opt. F1: General Help F2: Previous Values F3: Optimized Defaults F4: Save & Exit ESC: Exit
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1.3 Configuring a Static IP Address


Set the **Configuration Address Source** to *Static* to assign a static IP address for out-of-band management. Enter the correct values for the **Station IP address**, **Subnet Mask**, and **Gateway IP Address** fields to assign a static IP address for out-of-band management. Be sure to completely fill all four octets for the **Station IP address**.

Aptio Setup Utility - Copyright (C) 2019 American Megatrends, Inc.		
IPMI		
BMC Network Configuration		BIOS will set below setting to IPMI in next BOOT
IPMI LAN Selection	[Failover]	
IPMI Network Link Status:	Dedicated LAN	
Update IPMI LAN Configuration	[No]	
Configuration Address Source	[Static]	
Station MAC Address	ac-1f-6b-4b-b1-04	
Station IP Address	010.215.003.214	
Subnet Mask	255.255.255.128	
Gateway IP Address	010.215.003.129	
VLAN	[Disable]	
		↔: Select Screen ↑↓: Select Item Enter: Select +/-: Change Opt. F1: General Help F2: Previous Values F3: Optimized Defaults F4: Save & Exit ESC: Exit
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Save the changes, exit the BIOS, and allow the system to boot.

2 Logging in to the IPMI Web Interface

Connect to the TrueNAS Mini out-of-band management port by entering the IP address into a web browser from a system that is either within the same network or which is directly wired to the array. A login prompt appears.



The image shows a web browser window displaying a login form. The form has a light gray background and a thin black border. At the top, the text "Please Login" is centered in a bold, black font. Below this, there are two input fields. The first field is labeled "Username" in a bold, black font, and the second field is labeled "Password" in a bold, black font. Both fields are empty and have a white background with a thin gray border. Below the password field, there is a "Login" button with a gray background and a black border. The button text is in a bold, black font.

Log in using the default credentials:

Username: ADMIN

Passwords are randomized for security. Check the sticker on the back of the system for your unique IPMI password. See <https://www.truenas.com/docs/sb-327> for more details.

3 Additional Resources

The TrueNAS Documentation Hub has complete software configuration and usage instructions. Click **Guide** in the TrueNAS web interface or go directly to:

<https://www.truenas.com/docs>

Additional hardware guides and articles are in the Documentation Hub's Hardware section:

<https://www.truenas.com/docs/hardware>

The TrueNAS Forums provide opportunities to interact with other TrueNAS users and discuss their configurations:

<https://forums.truenas.com/>

4 Contacting iXsystems

Having issues? Please contact iX Support to ensure a smooth resolution.

Contact Method	Contact Options
Web	https://support.ixsystems.com
Email	support@ixsystems.com
Telephone	Monday-Friday, 6:00AM to 6:00PM Pacific Standard Time: <ul style="list-style-type: none">• US-only toll-free: 1-855-473-7449 option 2• Local and international: 1-408-943-4100 option 2
Telephone	Telephone After Hours (24x7 Gold Level Support only): <ul style="list-style-type: none">• US-only toll-free: 1-855-499-5131• International: 1-408-878-3140 (International calling rates will apply)