

# TrueNAS® Mini E+ and X Out of Band Management

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Version 1.2



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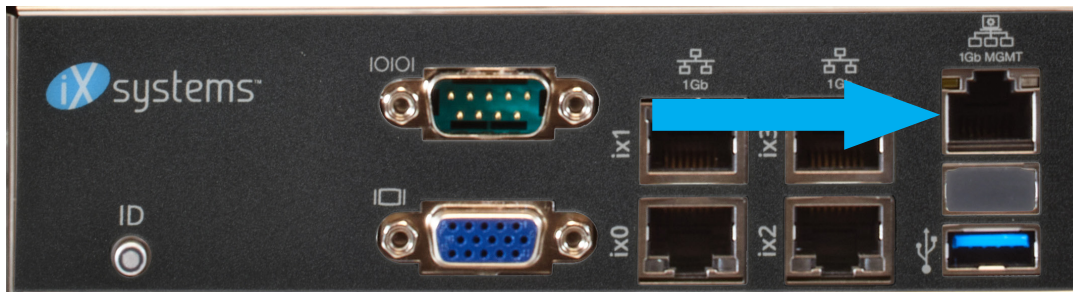
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This document contains instructions for configuring out-of-band management from the BIOS, if needed. When the hardware supports IPMI, the TrueNAS web interface also has IPMI configuration options. For more details, see <https://www.truenas.com/docs/core/network/ipmi/>.

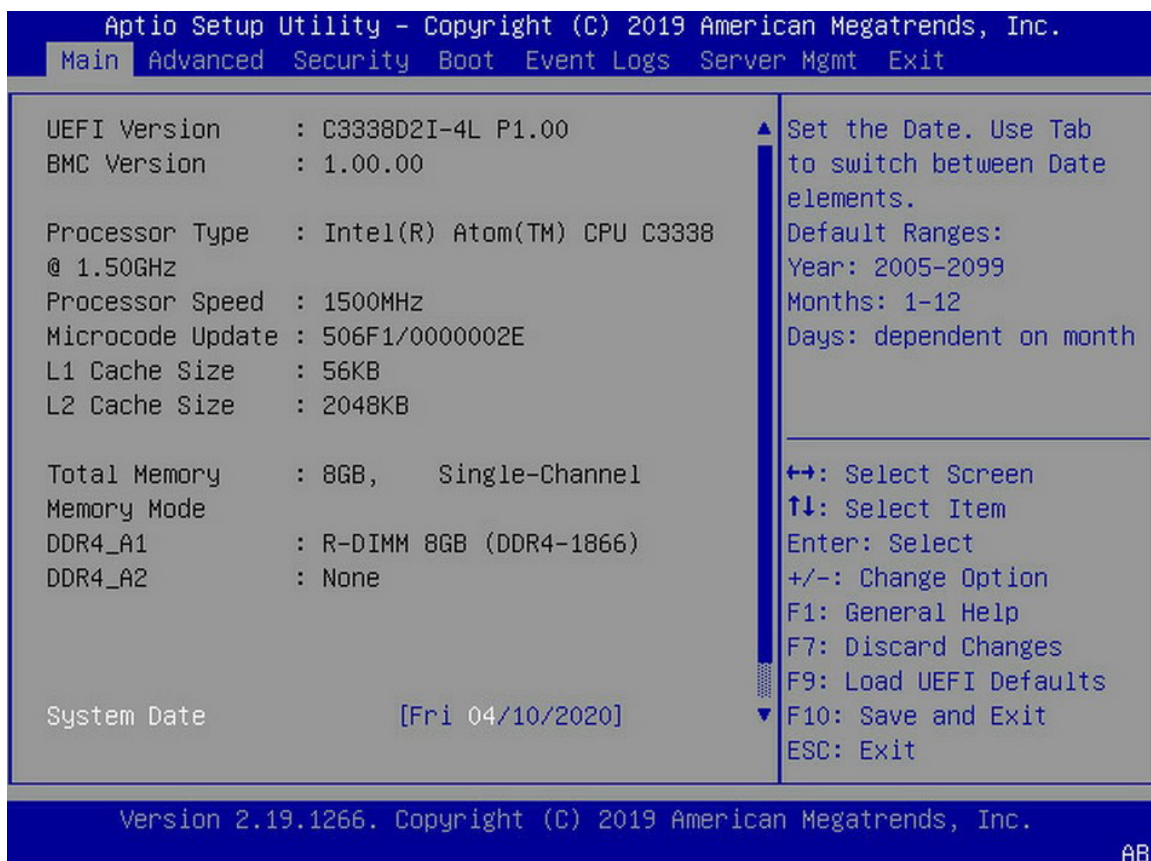
Out of Band Management enables remote control of the system. Administrative control options include powering the system on and off, resetting the configuration, and viewing the system log. Before attempting to configure TrueNAS for out-of-band management, ensure that the out-of-band management port is 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 to the system.



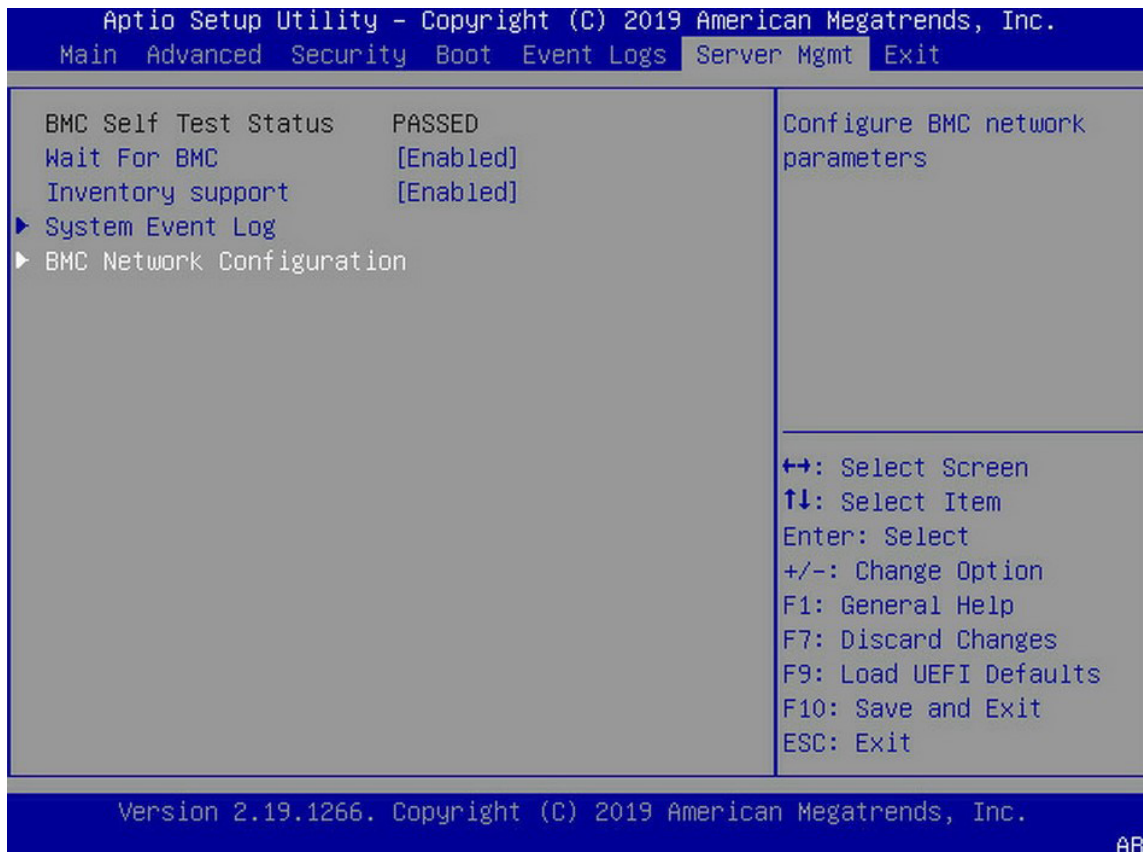
## 1 Access the BIOS

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



## 1.1 IPMI Options

Select the **Server Mgmt** tab and open the **BMC Network Configuration** options.



## 1.2 DHCP Address Configuration

Set **Out of band Access** to *Enabled*. Set the **Manual setting IPMI** to *No* 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.		
Server Mgmt		
BMC Network Configuration		Enabled/Disabled BMC Out of band Access
BMC Out of band Access	[No Change]	
Out of band Access	Enabled	
Lan channel (Failover)		
Manual setting IPMI LAN	[No]	
Configuration address source	Static	↔: Select Screen ↑↓: Select Item Enter: Select +/-: Change Option F1: General Help F7: Discard Changes F9: Load UEFI Defaults F10: Save and Exit ESC: Exit
Station IP address	10.215.3.213	
Current subnet mask	255.255.255.128	
Current MAC address	d0-50-99-e3-5e-b0	
Current router IP address	10.215.3.129	
Version 2.19.1266. Copyright (C) 2019 American Megatrends, Inc.		
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## 1.3 Configuring a Static IP Address

Set **Out of band Access** to *Enabled*. Set the **Manual setting IPMI** to *Yes* to manually assign the out-of-band management IP address. Enter the correct values for the **Station IP address**, **Current subnet mask**, and **Current router IP** 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.	
Server Mgmt	
BMC Network Configuration	
BMC Out of band Access	[No Change]
Out of band Access	Enabled
Lan channel (Failover)	
Manual setting IPMI LAN	[No]
Configuration address source	Static
Station IP address	10.215.3.213
Current subnet mask	255.255.255.128
Current MAC address	d0-50-99-e3-5e-b0
Current router IP address	10.215.3.129
Enabled/Disabled BMC Out of band Access	
↔: Select Screen	
↑↓: Select Item	
Enter: Select	
+/-: Change Option	
F1: General Help	
F7: Discard Changes	
F9: Load UEFI Defaults	
F10: Save and Exit	
ESC: Exit	

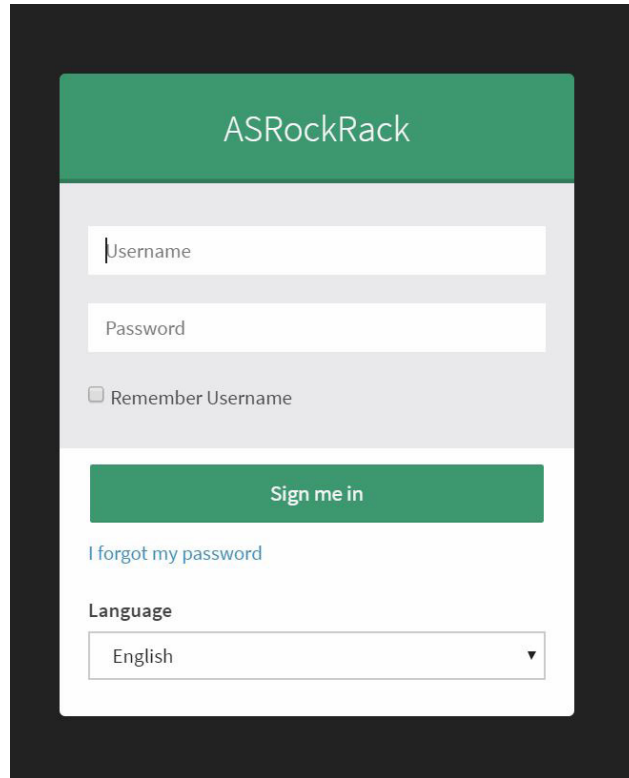
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Save the changes, exit the BIOS, and allow the system to boot.

## 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 the ASRockRack login interface. The interface has a green header bar with the text "ASRockRack". Below the header, there are two input fields: "Username" and "Password". Below the password field is a checkbox labeled "Remember Username". A green button labeled "Sign me in" is positioned below the checkbox. Below the button is a link that says "I forgot my password". At the bottom, there is a "Language" dropdown menu currently set to "English".

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 Contacting iXsystems

For assistance, please contact iXsystems Support:

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