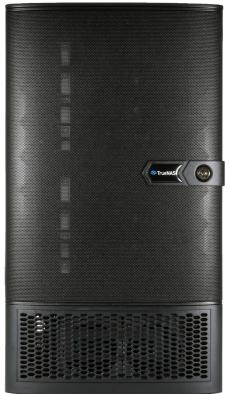
## TrueNAS<sup>®</sup> Mini X+ and XL+ Out of Band Management

Version 1.2





# Contents

1 Access the BIOS	1
1.1 IPMI Options	2
1.2 DHCP Address Configuration	3
1.3 Configuring a Static IP Address	4
2 Logging in to the IPMI Web Interface	5
3 Contacting iXsystems	6

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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 <a href="https://www.truenas.com/docs/core/network/ipmi/">https://www.truenas.com/docs/core/network/ipmi/</a>.

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.

System Date System Time	[Thu 02/14/2019] [12:30:32]	Set the Date. Use Tab to switch between Date elements. Default Ranges:
Supermicro A2SDi-H-TF		Year: 2005-2099
BIOS Version	1.1c.V2	Months: 1-12
Build Date	06/25/2019	Days: dependent on month
Memory Information		
Total Memory	32768 MB	
Memory Speed	2400 MHz	
		++: Select Screen
		↑↓: Select Item
		Enter: Select
		+/-: Change Opt.
		F1: General Help
		F2: Previous Values F3: Optimized Defaults
		F4: Save & Exit
		ESC: Exit

### 1.1 IPMI Options

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

BMC Firmware Revision IPMI STATUS	3.60 Working	Configure BMC network parameters
System Event Log BMC Network Configuration IPMI Extended Instruction	[Enabled]	
		++: Select Screen
		<ul> <li>F: Select Screen</li> <li>f1: Select Item</li> <li>Enter: Select</li> <li>+/-: Change Opt.</li> <li>F1: General Help</li> <li>F2: Previous Values</li> <li>F3: Optimized Defaults</li> </ul>

#### 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.

#### 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 IPMI LAN Selection IPMI Network Link Status: Update IPMI LAN Configuration Configuration Address Source Station MAC Address Station IP Address Subnet Mask Gateway IP Address VLAN	[Failover] Dedicated LAN [No] [Static] ac-1f-6b-4b-b1-04 010.215.003.214 255.255.255.128 010.215.003.129 [Disable]	BIOS will set below setting to IPMI in next BOOT
	oyright (C) 2019 American ⊧	<pre>++: Select Screen f4: Select Item Enter: Select +/-: Change Opt. F1: General Help F2: Previous Values F3: Optimized Defaults F4: Save &amp; Exit ESC: Exit</pre>

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.

SUPERMICR	
PI	ease Login
Username	
Password	
	Login

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 <u>https://www.truenas.com/docs/sb-327</u> for more details.

### 3 Contacting iXsystems

For assistance, please contact iXsystems Support:

Contact Method	Contact Options
Web	https://support.ixsystems.com
Email	support@iXsystems.com
Telephone	Monday-Friday, <b>6:00AM</b> to <b>6:00PM</b> Pacific Standard Time: • US-only toll-free: <b>1-855-473-7449 option 2</b> • Local and international: <b>1-408-943-4100 option 2</b>
Telephone	<ul> <li>Telephone After Hours (24x7 Gold Level Support only):</li> <li>US-only toll-free: 1-855-499-5131</li> <li>International: 1-408-878-3140 (International calling rates will apply)</li> </ul>