



# EDGE® Ti Motherboard

Battery Replacement

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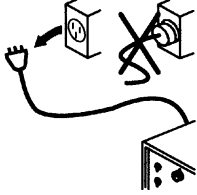
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## Introduction

		<p><b>WARNING!</b> <b>ELECTRIC SHOCK CAN KILL</b></p>
		<p><b>Disconnect electrical power before performing any maintenance.</b></p>

## Purpose

This Field Service Bulletin describes how to replace the battery on the motherboard of an EDGE Ti controller and how to configure the BIOS settings after replacement.

## Kit 428419 contents

208282 - 3 volt battery for 141014 motherboard

### Replace the battery

1. Disconnect the electrical power to the unit.
2. Remove the 12 perimeter screws and open the rear panel.
3. Disconnect the 2-pin battery cable from the JP7 connector on the motherboard.
4. The battery is secured by a hook-and-loop fastener. Carefully pull up on the battery to remove it and properly discard the old battery.
5. Place the new battery in the same location as the original battery and secure it with the hook-and-loop fastener by gently pressing down on the battery.
6. Carefully connect the 2-pin cable to the JP7 connector on the motherboard.
7. Close the rear panel and reinstall the 12 perimeter screws.

### BIOS settings



A keyboard is required for the following procedure.

1. Turn on the power to the unit.
2. Press F1 to enter the BIOS setup screen.
3. Use the arrow keys to move the cursor to the “Exit” menu at the top of the screen and then select “Load Optimal Defaults.” Press enter, select OK, and then press enter again.
4. Go to the “Main” menu and select “Set System Time and date.” Enter the date and time for a 24-hour clock. You can use the +/- keys or the number pad to enter values. Pressing enter moves from one selection (hours) to the next (minutes).
5. Select the “Advanced” menu
  - ❑ Select **USB Configuration** and press enter.
  - ❑ Set **USB Function** to 4 USB Ports.
  - ❑ Set **USB 2.0 Controller Mode** to HiSpeed.
  - ❑ Press escape (Esc).
6. Select the “Boot” menu
  - ❑ Select **Boot Settings Configuration**
  - ❑ Set **Boot Num-Lock** to OFF
  - ❑ Press Esc

7. Select the "Chipset" menu
  - Select **Southbridge Configuration**
  - Set **OnBoard AC'97 Audio** to Disabled
  - Set **Primary LAN** to Enable
  - Set the **Secondary LAN** to Disabled
  - Set **Restore on AC Power Loss** to Power Off
  - Press Esc and set **SATA Control** to Disabled
8. Select the "Power" menu
  - Set **Power Management/APM** to Disabled
9. Go to the "Exit" menu and press enter. A message window displays. Press enter again to save the settings.

