SUPER®

SMC LCD

User's Guide

Revision 1.0

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Preface

About This Manual

The contents of this manual apply to Supermicro's SMC LCD software application. The SMC LCD application is a JAVA based API compatible with 32 & 64-bit Windows and Linux that interacts with Supermicro LCD series.

Manual Organization

Chapter 1: Introduction

This first chapter provides an introduction to the SMCLCD application and provides a useful reference for keyboard and typographical conventions in this document.

Chapter 2: User Interface

This chapter provides information and functional descriptions for the user interface and its features.

Chapter 3: Installation

Use the procedures in this chapter to install the LCD hardware module and the SMC LCD application to your system.

Document Conventions

The following document conventions apply in this manual:

- The syntax of a command is given in Courier New 10 bold.
- Elements in (< >) indicate the field required as input along with the command, for example, < integer (100-1000)>.
- Elements in square brackets ([]) indicate optional fields for a command.
- Text in {} refers to 'either-or' group for the tokens given inside separated by a | symbol.
- ▶ A command usage is given in Courier New 10 regular.
- ▶ Outputs and messages for commands are given in Courier New 10 regular.
- The no form of the command resets a particular configuration to its default value or revokes the effect. This is explicitly explained in the description of the commands for which it is applicable.
- Applicatin user interface (UI) elements, objects or window names are shown in SMALL CAPS.

Notes

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Notes

Chapter 1

Introduction

SMC LCD is a JAVA based API compatible with both Windows and Linux that is used to configure the LCD displays for Supermicro LCD solution modules (model numbers MCP-210-00007-01/02/0V and MCP-220-00095-0B). See Figure 1-1 and Figure 1-2 for Supermicro 1U chassis and 5.25" LCD modules.



Figure 1-1: MCP-220-00095-0B 5.25" LCD Module

Figure 1-2: MCP-210-00007-01/02/0V 1U Chassis Panel Module



1.1 Module Characteristics

LCD modules display two lines of text with up to 16 characters per line on the screen. The screen is provided with back lights and 6 access keys (4 ways directions and Enter/Cancel buttons) for displaying information on the host systems. The LCD modules use a USB interface to communicate with the system.

The information that can be displayed on the module LCD screen can include any of the following:

- Company Name
- Clock
- System Information
- Hardware Information
- Network Information
- Monitoring System Status
- Hard Disk Drive Memory Usage
- IPMI Information

1.1 Module Uses

Using the SMC LCD application you can configure the above information on the LCD screen remotely, change the LCD display settings and provide the location of the server to a local client from the management side. This makes this application extremely useful to end users who can anticipate an component failure and act remotely to minimize the potential downtime caused by a failure.

Chapter 2

User Interface

This chapter covers the user interface of the SMC LCD application and its controls and components.

2.1 Launch the Application

To launch the SMC LCD application, use the application execution files as shown below for each operating system:

| Operating System | File |
|------------------|---------------|
| Windows | LCDMainUI.exe |
| Linux | LCDMainUI.sh |

Note: It is required that Sun Java SE be installed on your system to use the SMC LCD application.

After launching the application the MAIN SCREEN appears. The MAIN SCREEN contains two tabs (LCD FUNCTIONS and SETTING) and a TOOLBAR with buttons and icon controls.

Toolbar

The TOOLBAR (Figure 2-1) contains controls for manipulating the display of LCD screen. These include the following controls:

- LCD Icon
- Start Button
- Stop Button
- LCD Emulator Button
- About Icon

Figure 2-1: Toolbar



LCD Icon

Click the LCD ICON (Figure 2-2) at the top-left corner of the MAIN SCREEN in order to show the LCD MONITOR panel (Figure 2-3). Pressing the direction keys in the panel allows you to navigate in the panel. You can press the Enter button to enter a command, while pressing the ESC button cancels the command.

Figure 2-2: LCD Icon



Figure 2-3: LCD Monitor



Start Button

This button is used to start LCD functions. It defaults started after the application is launched.

Stop Button

Pressing this button stops LCD functions.

LCD Emulator Button

Press this button to show a full function LCD EMULATOR window with keypad (Figure 2-4). You can open either the LCD MONITOR or the LCD EMULATOR.

Figure 2-4: LCD Emulator Window

| CD Emulator 1.0 | |
|-----------------|--------------|
| Renote | Buttons |
| | CANCEL ENTER |
| T Always on top | |

About Icon

Pressing The ABOUT icon brings up the ABOUT dialog box (Figure 2-5), which contains application information.

Figure 2-5: About Icon

| About | | | | | X |
|--|---|--|--------------|--------------|-------------------|
| LCD | SMC LCD Super Mid Java:1.6 | V1.4.1 cro Computer, Inc. .0_26-b03 | | | |
| Supermicro ht [Hyperic Siga [ini4j] http: [DmiDecode fo | tp://www.su r] http://s //ini4j.sou r Windows] | apermicro.com sigar.hyperic.com arceforge.net http://gnuwin32 | .sourceforge | e.net/packad | res/dmidecode.htm |
| | | Ok | : | | |

2.2 LCD Functions Tab

The LCD FUNCTIONS tab (Figure 2-6) contains the following controls and panels for configuring the LCD modules remotely:

- Functions List
- ► Function Description Panel
- Function Display Panel

Figure 2-6: Main Screen – LCD Functions Tab



Functions List and Function Description Panels

The FUNCTIONS LIST panel contains a table list of all supported LCD functions. It is located in the bottom left panel of the MAIN SCREEN (see Figure 2-7).

| Number | Group | Name | Enable |
|--------|-----------|-------------|----------|
| 1.1 | System | CPU | V |
| 1.2 | System | Memory | ~ |
| 1.3 | System | HDD | V |
| 1.4 | System | OS | v |
| 1.5 | System | Network I/F | ~ |
| 2.1 | Monitor | IPMI Sens | ~ |
| 2.2 | Monitor | CPU&MEM | ~ |
| 2.3 | Monitor | CPU&MEM | ~ |
| 2.4 | Monitor | CPU Usage | ~ |
| 2.5 | Monitor | Memory U | V |
| 2.6 | Monitor | HDD Usage | V |
| 2.7 | Monitor | HDD I/O U | V |
| 2.8 | Monitor | Network U | ~ |
| 2.9 | Monitor | Up Time | ~ |
| 3.1 | IPMI | Sensor | ~ |
| 3.2 | IPMI | Event Log | V |
| 3.3 | IPMI | LAN Setting | V |
| 3.4 | IPMI | FRU Info | V |
| 3.5 | IPMI | PMBus Info | V |
| 3.6 | IPMI | Version | V |
| 4.1 | DMI Table | BIOS | V |
| 4.2 | DMI Table | System | V |
| 4.3 | DMI Table | Baseboard | V |
| 4.4 | DMI Table | Chassis | V |
| 4.5 | DMI Table | Processor | V |
| 4.6 | DMI Table | Memory | V |
| 4.7 | DMI Table | Cache | V |
| 4.8 | DMI Table | Connector | V |
| 4.9 | DMI Table | Slot | v |
| 5.1 | Message | Local Mes | v |
| 5.2 | Message | Remote M | v |
| 6.1 | Option | Back Light | v |
| 6.2 | Option | Date Time | v |
| 6.3 | Option | About | v |

Figure 2-7: Functions List Panel

For example there are System, Monitor, IPMI and DMI table functions, etc. You can enable or disable a listed function by checking the checkbox next to it in the list. Pressing the Save button allows you to save the setting, while pressing the Resfresh button allows you to refresh the setting. Once you have made some change you must stop, then restart the SMC LCD application (using the STOP and START buttons in the TOOLBAR) to see the change.

Shown in the table below are details for each of LCD functions in the $\ensuremath{\mathsf{Functions}}$ List panel.

| Table 2-1: LCD Functions | | | | |
|--|-----------|---------------|---|--|
| Number Group Name Description/Function | | | | |
| 1.1 | System | CPU | Displays CPU information such as Model, Speed, and Vendor. | |
| 1.2 | System | Memory | Displays memory information. | |
| 1.3 | System | HDD | Displays HDD information including the HDDs in the system and network. | |
| 1.4 | System | OS | Displays OS information. | |
| 1.5 | System | Network | Display LAN information including IP and MAC for the available network adaptor. | |
| 2.1 | Monitor | IPMI Sensors | Monitors the IPMI sensors. | |
| 2.2 | Monitor | CPU & ME | Monitors the usage of CPU and memory. | |
| 2.3 | Monitor | CPU & ME | Monitors the free usage of CPU and memory. | |
| 2.4 | Monitor | CPU Usage | Monitors the usage of CPUs, including the individual CPU monitoring. The screen displays "B" for Busy and "I" for Idle. | |
| 2.5 | Monitor | Memory Usage | Monitors the usage of Memory and displays "U" for usage and "F" for free. | |
| 2.6 | Monitor | HDD Usage | Monitors the usage of HDDs. The screen displays "U" for usage and "F" for free. | |
| 2.7 | Monitor | HDD I/O Usage | Monitors the HDD I/O usage. The screen displays "R" for read and "W" for write. | |
| 2.8 | Monitor | Network Usage | Monitors the Network usage. The screen displays "RX" for receive and "TX" for transmission. | |
| 2.9 | Monitor | Up Time | Monitors the up time since the last boot. | |
| 3.1 | IPMI | Sensor | Displays the IPMI sensor data record. | |
| 3.2 | IPMI | Event Log | Displays the IPMI system event log. | |
| 3.3 | IPMI | LAN Setting | Displays the IPMI LAN configuration. | |
| 3.4 | IPMI | FRU Info | Displays the IPMI FRU (Field Replacement Unit). | |
| 3.5 | IPMI | PMBus Info | Displays the PMBus information. | |
| 3.6 | IPMI | Version | Displays the IPMI version. | |
| 4.1 | DMI Table | BIOS | Displays the DMI type 0,13 for BIOS information. | |
| 4.2 | DMI Table | System | Displays the DMI type 1, 12, 15, 23, 32 for system information. | |
| 4.3 | DMI Table | Baseboard | Displays the DMI type 2, 10 for base board information. | |
| 4.4 | DMI Table | Chassis | Displays the DMI type 3 for chassis information. | |
| 4.5 | DMI Table | Processor | Displays the DMI type 4 for processor information. | |
| 4.6 | DMI Table | Memory | Displays the DMI type 5, 6, 16, 17 for memory information. | |
| 4.7 | DMI Table | Cache | Displays the DMI type 7 for cache information. | |
| 4.8 | DMI Table | Connector | Displays the DMI type 8 for port connector information. | |
| 4.9 | DMI Table | Slot | Displays the DMI type 9 for system slots information. | |
| 5.1 | Message | Local Message | Displays your specified message. | |

| Table 2-1: LCD Functions | | | | |
|--|---------|----------------|--|--|
| Number Group Name Description/Function | | | | |
| 5.2 | Message | Remote Message | Displays your specified message from remote. | |
| 6.1 | Option | Back Light | Toggles the LCD light on or off. | |
| 6.2 | Option | Date/Time | Shows current date/time information. | |
| 6.3 | Option | About | Displays information for the LCD. | |

Information about each function is shown in the SMC LCD application within the FUNCTION DESCRIPTION panel (Figure 2-8) in the MAIN SCREEN.

Figure 2-8: Function Description Panel

| Description | |
|---------------|---|
| Number : | 1.1 |
| Group : | System |
| Name : | CPU |
| Is Enabled : | S Enabled |
| Description : | |
| Display CP | Us Infomation. It includes Model,Speed and Vendor |

Function Display Panel

When you select an LCD function from the FUNCTION LIST panel, the selected function is shown in the FUNCTION DISPLAY panel (Figure 2-9). Press to start a demo test, and press to stop the demo test. You can navigate LCD functions using the soft keypad in the panel. Please note, this function is independent from the real LCD device and LCD MONITOR.



| Demo panel for LCD functions | | | Controller |
|------------------------------|-------|----|--------------|
| << | READY | >> | CANCEL ENTER |

2.3 Setting Tab

The SETTING tab (Figure 2-10) allows you to configure settings for the SMC LCD application.

| SHC LCD V1.4.1 (Build 110801) - Super Micro Computer, Inc. | | _ [] × |
|--|---|--------------|
| LCD Start Stap | | 0 |
| LCD functions Setting | | |
| Configuration | Server Setting | |
| Scroll Interval Scroel at Start (requires restart LCD) Screen Saver Applet Obtand Time Cuciol Message G. Remote Message | Enable (Dn)Off Server for remote connections) Port : | |
| Apply Relaad | , , | Apply Reload |

Figure 2-10: Main Window – Setting Tab

Configuration

This section contains the basic configuration settings for the SMC LCD application. It includes settings for SCROLL INTERVAL, BACK LIGHT and START SCREEN configuration.

A screen saver will wait for several minutes and start a LCD applet. You can choose DATE & TIME, LOCAL MESSAGE, REMOTE MESSAGE or another monitor's LCD applet to display.

Server Setting

The SERVER SETTING section is for a remote LCD displayer. It includes fields for specifying the PORT and MAX CONNECTION speed.

Message to Display

Input text here to display a message on LCD remotely. To do this, check the DISPLAY MESSAGE AFTER UPDATE checkbox and press the APPLY button after you have entered your message in the text box. Then you will see the message displayed in LCD window. You can also use Function 5.1 (from the FUNCTIONS LIST panel) to enter a display message.

2.4 LCD System Tray

Figure 2-11: LCD System Tray Icon



The red dot icon in the system tray (Figure 2-11) shows that the SMC LCD is running in the background. If you right click on the icon you can open the SMC LCD Main Screen, LCD Emulator or LCD Monitor (see Figure 2-12). Clicking Exit in the system tray allows you to exit the SMC LCD program.

Figure 2-12: Exiting SMC LCD From the System Tray



2.5 Remote LCD Displayer and Message Sender

Using the SMC LCD application, you can send a message to a remote LCD screen. Use the procedure below to send a message:

Sending a Remote Message to an LCD Screen

1. Run proxy.bat <IP>, an LCD EMULATOR window (Figure 2-13) will be shown that displays the message that is shown on the remote LCD screen.

Figure 2-13: LCD Emulator Window

| 🔴 Remote LCD Emulator 1.0 | |
|-------------------------------------|--------------|
| ⊂ Remote IP | |
| Remote IP: 192.168.12.13 Port: 6667 | Start Stop |
| Remote Message | |
| | Send |
| LCD | Buttons |
| 1. System | \mathbf{x} |
| | • • |
| | CANCEL ENTER |
| Always on top | |

 To send a message to a remote LCD screen, input the message into the REMOTE MESAGE text box of the LCD EMULATOR window and press the SEND button (Figure 2-14).



| Remote LCD Emulator 1.0 | |
|-------------------------------------|------------|
| ⊂Remote IP | |
| Remote IP: 192.168.12.13 Port: 6667 | Start Stop |
| Remote Message | |
| Supermicro San Jose | Send |
| | Buttons |
| [Message] 5.2 Remote Message | |
| | |
| Always on top | |

 Once the message is sent. You can go to the 5.2 REMOTE MESSAGE function to display the message (Figure 2-15).

| SMC LCD VI.3 (Build 110704) - Super Micro Computer, Inc. | | | | | | | | | | | |
|--|-----------|--------------|---|---|---------------|-------------------|----------------|-----------------|--------------|--|--------------|
| CD > Start Stop BLCD Envirator | | | | | | | | | | | |
| | | | | | | | | | | | |
| CCD reactions Setting | | | | | | | | | | | |
| 🖪 🧇 | | | | | Description | | | | | | |
| Number | Group | Nome | Enable | | Number : | 1.1 | | | | | |
| 11 | System | CPII | | | Group : | System | | | | | |
| 12 | System | Memory | | | Name : | CPU | | | | | |
| 1.3 | System | HDD | | | Is Enabled : | C Enabled | | | | | |
| 1.4 | Protem | 20 | | | | • | | | | | |
| 1.5 | Nytem | LAN | | | Description : | | | | | | |
| 1.6 | System | Network | Image: A start and a start | | Display C | PUs Infomatio | n. It includes | Model Speed an | d Vendor | | |
| 2.1 | Monitor | IPMI Sensors | v | | Dispidy of | e e internatio | | model, opeed an | | | |
| 2.2 | Monitor | CPU&ME | ~ | 1 | | | | | | | |
| 2.3 | Monitor | CPU&ME | ~ | | | | | | | | |
| 2.4 | Monitor | CPU Usage | | | | | | | | | |
| 2.5 | Monitor | Memory U | ~ | | | | | | | | |
| 2.6 | Monitor | HDD Usage | Image: A start and a start | | | | | | | | |
| 2.7 | Monitor | HDD I/O U | V | | | | | | | | |
| 2.8 | Monitor | Network U | ~ | | | | | | | | |
| 2.9 | Monitor | Up Time | ~ | | - | | | | | | |
| 3.1 | IPMI | Sensor | | | | | | | | | |
| 3.2 | IPMI | Event Log | | | 1.1 🛛 | System] CPU | | | | | |
| 3.3 | IPMI | LAN Setting | | | | | | | | | |
| 3.4 | IPMI | FRU Info | Image: A state of the state | | Demo panel: | for LCD functions | | | | | Controller |
| 3.5 | IPMI | PMBus Info | | | | | | | | | - |
| 3.6 | IPMI | Vermon | Image: A set of the set of the | | | | | | | | |
| 4.1 | DMI Table | BIOS | | | | 1.1 | Pro, 100 | tion include | N 16 | | |
| 4.2 | DMI Table | System | | - | | S. S. S. | - H' H | HUY | - 2.2 | | |
| 4.3 | DMI Table | Baseboard. | 2 | | | | 1.7.8. | | 10 C 10 C 10 | | • • |
| 4.4 | DMI Table | Chastas | | | | | | | | | CANCEL ENTER |
| 4.5 | DMI Table | Processor | | - | | | | | | | |
| 4.0 | UMI Table | Memory | | | | | | | | | |
| 4.7 | DMI Table | Cache | V | 1 | | | | | | | |

Figure 2-15: Displayed Message

2.6 Launch LCD UI without LCD HW

If you want to run the LCD UI but do not have LCD hardware to do it, you can open the lcd.conf file and find following setting (at line 8):

lcdType = com.supermicro.lcd.SMCLCD2x16

change the entry to

```
lcdType = com.supermicro.lcd.SMCLCD2x16_
```

save the lcd.conf file and re-launch the LCD UI again.

2.7 Linux

The Linux UI functions the same way as the Windows version, but has a different appearance to its screens. For comparison, enclosed below are some screenshots of the LCD UI running under CentOS 5.4 x64 Linux:



Figure 2-16: Linux Main Window Screen

Figure 2-17: Linux LCD Emulator Window



Figure 2-18: Linux LCD Monitor



Chapter 3

Installation

This chapter covers installation of the installation of both hardware and software components for the Supermicro SMC LCD application system.

3.1 Hardware Installation

Use the procedure below to install the MCP-220-00095-0B LCD display into your system.

Installing the MCP-220-00095-0B LCD display

1. Install the MCP-220-00095-0B LCD display module into the chassis as shown in Figure 3-1 and Figure 3-2.

Figure 3-1: Installing the LCD Display Module into a Horizontal Chassis



Figure 3-2: Installing the LCD Display Module into a Vertical Chassis



 Connect the USB connector to the USB cable to the LCD module as shown in Figure 3-3.

Figure 3-3: Connecting the USB Cable to the LCD Display Module



3. Attach the USB cable connector to the USB pin header in its host system as shown in Figure 3-4.



Figure 3-4: Connecting the USB Cable to the Motherboard USB Header

3.2 Software Installation

Use the procedures below to install the SMC LCD application's software to your system.

Installing the Software

- 1. Make sure download and install Java SE to your system.
- Download or copy the SMC LCD application's files to your desktop. The files should go to the SMCLCD folder (if necessary create a folder on your system to place the files). Place a shortcut to the SMCLCD folder on the desktop (see Figure 3-5).



Figure 3-5: SMCLCD Folder On The Desktop

3. Open the LCDMainUI executable file in Windows (Figure 3-6). The SMC LCD application's MAIN WINDOW will appear (Figure 3-7).

| Name Date modified Type | Size |
|--|------------------------|
| Apache_License 7/26/2011 11:39 AM Text Do | ocument 9 KB |
| Dit 10/21/2009 1:57 PM Applica | ation 8 KB |
| Value de | ation 79 KB |
| S KCSLib.dll 12/16/2010 3:00 PM Applica | ation extens 52 KB |
| CONF 8/1/2011 4:15 PM CONF | File 8 KB |
| LCDMainUI 3/2/2011 12:18 PM Window | ws Batch File 1 KB |
| LCDMainUI 8/1/2011 4:11 PM Executa | able Jar File 8,756 KB |
| LCDMainUI.sh 3/2/2011 1:11 PM SH File | 1 KB |
| LCDNetProxy 8/1/2011 4:11 PM Executa | able Jar File 449 KB |
| libLIBSMC.so 5/13/2011 6:13 AM SO File | 12 KB |
| DibLIBSMC64.so 5/10/2011 1:32 PM SO File | 24 KB |
| libsigar-amd64-freebsd-6.so 7/9/2009 9:46 PM SO File | 206 KB |
| libsigar-amd64-linux.so 7/9/2009 9:46 PM SO File | 241 KB |
| libsigar-amd64-solaris.so 7/9/2009 9:46 PM SO File | 245 KB |
| libsigar-ia64-hpux-11.sl 7/9/2009 9:46 PM SL File | 564 KB |
| libsigar-ia64-linux.so 7/9/2009 9:46 PM SO File | 484 KB |
| libsigar-pa-hpux-11.sl 7/9/2009 9:46 PM SL File | 504 KB |
| libsigar-ppc64-aix-5.so 7/9/2009 9:46 PM SO File | 413 KB |

Figure 3-6: Open the LCDMainUI Executable File

Figure 3-7: SMC LCD Application Main window

| SHC LO | D V1.4.1 (Ba | ild 110801) - | Super Hic | ro Co | mputer, Inc. | |
|--------------|---------------|---------------|------------|-------|--|---|
| LCD | > start | Stop 🔜 L | CD Emulato | e | | 0 |
| LCD function | ons Setting | 1 | | | | |
| m | | | | 1 | Description | |
| | 2 | | | 2000 | Number: 1.1 | |
| Number | Group | Name | Enable | | Graph: Sustem | |
| 1.1 | System | (CPU | | | | |
| 1.2 | System | Memory | R | | Name : OU | |
| 1.3 | System | 100 | R | | Is Enabled: O Enabled | |
| 1.4 | System | 05 | 12 | | Description r | |
| 1.5 | System | Network I/F | 1 | | | _ |
| 2.1 | Monitor | IPMI Sens | R | | Display CPUs Information. It includes Model, Speed and Vendor | |
| 2.2 | Monitor | CPUSMEN | 5 | | | |
| 2.3 | Monitor | CPUSMEM | R | | | |
| 2.4 | Monitor | CPU Usage | P | | | |
| 2.5 | Monitor | Memory U | 9 | | | |
| 2.6 | Monitor | HDD Usage | 1 | | | |
| 2.7 | Monitor | HOD I/O U | 9 | | | |
| 2.8 | Monitor | Network U | 2 | | | |
| 2.9 | Monitor | Up Time | V | | | |
| 3.1 | IPMI | Sensor | 2 | | | |
| 3.2 | IPMI | EventLog | 5 | | | |
| 3.3 | IPMI | LAN Setting | V | | I 1 I System (CH) | |
| 3.4 | 1PM1 | FRU Info | R | | | |
| 3.5 | IPMI | PMBus Info | T | | Demo panel for LCD functions Controller | r |
| 3.6 | IPMI | Version | R | | Transfer and Trans | 1. The second |
| 4.1 | DMI Table | ULOS | R | | | |
| 4.2 | DMI Table | System | R. | | | - |
| 4.3 | DMI Table | Baseboard | R | | ZZ DEGNU AA | |
| 4.4 | DMI Table | Chassis | R | | NN KEMPY // | |
| 4.5 | DMI Table | Processor | F | | CANCEL | ENTER |
| 4.6 | DMI Table | Memory | F | | Circa | |
| 4.7 | DMI Table | Cache | R | | | |
| 4.8 | DMI Table | Connector | P | -1 | | |

Go to the LCD FUNCTION LIST panel (Figure 3-8) and choose the function for the LCD to display out from the list.

| Number | Group | Name | Enable |
|--------|-----------|-------------|--------|
| 1.1 | System | CPU | |
| 1.2 | System | Memory | |
| 1.3 | System | HDD | |
| 1.4 | System | OS | |
| 1.5 | System | Network I/F | |
| 2.1 | Monitor | IPMI Sens | |
| 2.2 | Monitor | CPU&MEM | |
| 2.3 | Monitor | CPU&MEM | |
| 2.4 | Monitor | CPU Usage | |
| 2.5 | Monitor | Memory U | |
| 2.6 | Monitor | HDD Usage | |
| 2.7 | Monitor | HDD I/O U | |
| 2.8 | Monitor | Network U | |
| 2.9 | Monitor | Up Time | |
| 3.1 | IPMI | Sensor | |
| 3.2 | IPMI | Event Log | |
| 3.3 | IPMI | LAN Setting | |
| 3.4 | IPMI | FRU Info | |
| 3.5 | IPMI | PMBus Info | |
| 3.6 | IPMI | Version | |
| 4.1 | DMI Table | BIOS | |
| 4.2 | DMI Table | System | |
| 4.3 | DMI Table | Baseboard | |
| 4.4 | DMI Table | Chassis | |
| 4.5 | DMI Table | Processor | |
| 4.6 | DMI Table | Memory | |
| 4.7 | DMI Table | Cache | |
| 4.8 | DMI Table | Connector | |
| 4.9 | DMI Table | Slot | V |
| 5.1 | Message | Local Mes | |
| 5.2 | Message | Remote M | |
| 6.1 | Option | Back Light | |
| 6.2 | Option | Date Time | V |
| 6.3 | Option | About | V |

| Figure 3-8: LCE Function List Par | nel |
|-----------------------------------|-----|
|-----------------------------------|-----|

- 4. Press the SAVE button to save your selection. Then press the STOP button and then the START button to load the display selection.
- 5. The LCD module will reboot and display the update message.
- Go to the SETTING tab and change the settings of the SMC LCD application as you require (Figure 3-9). Using the controls on this tab, you may change such settings as:
 - LCD Display Back Light
 - Local Message Display
 - Remote Message Display

See Chapter 2 for full details on the SETTING tab and its functions.

| SHC LCD VI.4.1 (Build 110801) - Super Hicro Computer, Inc. | | × □[_ |
|--|---|---|
| LCD Ancomes Setting Canfiguration Scroll Indexval Back Light (FOIN COPF (F) Initial Screen at Start (requires restart LCD) (F) Splash Screen at Start (requires restart LCD) (F) Splash Screen at Start (requires restart LCD) (F) Screen Saver Walt 1 mins (3 seconds left) Screen Saver Appliet (F) Date and Time (F) Local Message (F) Stelect (CLIMBER Lised) | Server Setting Part : Po567 Max Connection : 10 * Please remember open port of remote clients Heat IP: 172.31.10.36 | |
| _ApplyReload_ | | ApplyReload |
| Icol | | T Display message after update Apply Reload |

Figure 3-9: Setting Tab

Notes