

# **CHENBRO**

## **User's Manual**

### **LED Board**

**80H033216-004**

**Version 1.2~1.3**

**May / 28 / 2008**

## **Copyright**

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## **Technical Support**

**CHENBRO works hard to offer our customers maximum performance from our chassis. But in case you have any problem with our product you can find supports from the following resources.**

### ***Web Support***

Detail information of our products is in our website. You can find technical updates, installation guides, FAQs, technical specifications and more. Our web address is: [www.chenbro.com](http://www.chenbro.com).

### ***Email Support***

You can also fill out the technical support form at our [Technical Support](#) page. Your technical issue inquiries will be sent directly to our support professionals.

### ***Phone Support***

**You can also contact CHENBRO HQ or branch office for immediate support; contact information is as following:**

CHENBRO HQ	CHENBRO Europe B.V.	CHENBRO Micom (USA) Inc.
Tel: 886-2-8226-5500	Tel: 31-40-295-2045	Tel: 1-909-947-3200
Fax: 886-2-8226-5423	Fax: 31-40-295-2044	Fax : 1-909-947-4300

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## Revision History

Date	Modifications
May / 28 / 2008	● First Release

## Hardware Specification

### Specification

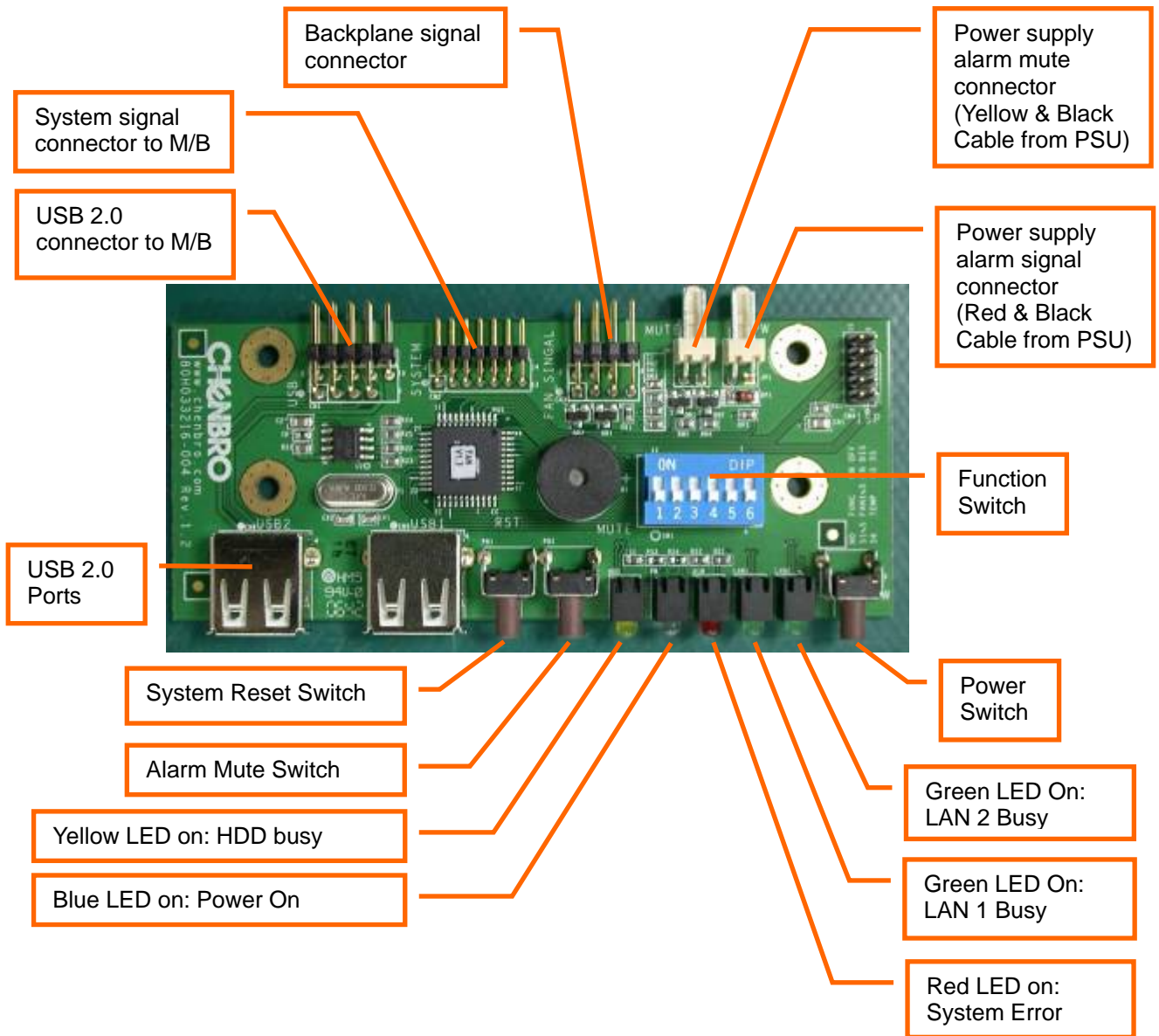
<b>Display</b>	<i>Power LED – Blue ( When Power is On ) HDD LED – Yellow (When HDD is busy ) Error LED – Red (When system is error ) LAN1, LAN2 LED – Green (When network is busy)</i>
<b>Connectors and Switches</b>	<ul style="list-style-type: none"><li>● <i>One power, one reset and one alarm mute button</i></li><li>● <i>One buzzer for alerting</i></li><li>● <i>Two standard USB 2.0 ports</i></li><li>● <i>One connector for Redundant Power Supply failure detection</i></li><li>● <i>One connector to mute Redundant Power Supply built-in alarm</i></li><li>● <i>DIP switch to specify thermal warning level (55°C or 65°C)</i></li></ul>
<b>Dimensions</b>	<i>104.2 (L) x 43 (W) x 1.6 (Thickness) mm</i>
<b>PCB Material</b>	<i>FR4 4layer</i>

### Accommodation Chassis

- *RM11600*
- *RM11602*
- *RM13106*
- *RM21600*
- *RM21804*
- *RM31616*
- *RM41500*

## Components

### Connectors & Switches Definition



### Function Switch Pin Definition

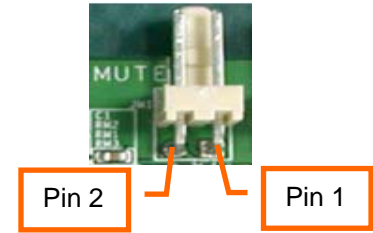
	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6
<b>ON</b>	Fan1 Monitoring Enable	Fan2 Monitoring Enable	Fan3 Monitoring Enable	Fan4 Monitoring Enable	Fan5 Monitoring Enable	System Alarm Temperature is 65°C
<b>OFF</b>	Fan1 Monitoring Disable	Fan2 Monitoring Disable	Fan3 Monitoring Disable	Fan4 Monitoring Disable	Fan5 Monitoring Disable	System Alarm Temperature is 55°C

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## Power Supply Alarm Mute Connector Definition

Pin 1: Ground

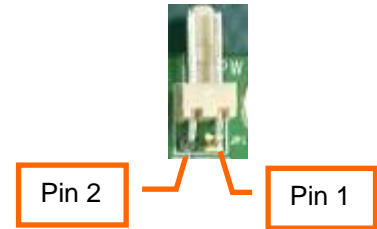
Pin 2: Alarm mute signal output to PSU (Active low)



## Power Supply Alarm Signal Connector Definition

Pin 1: Ground

Pin 2: PSU fail signal (TTL) input from PSU (Active low)



	<p>Only redundant PSU come with the failure alarm and alarm mute reset control via signal connector. Make sure the redundant PSU that user applied come with the connectors above.</p>
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	<p>This picture shows the standard “2510 2-pin” type PSU alarm signal connectors which fitting Chenbro LED board.</p>		<p>Mute (Yellow &amp; Black wire)</p> <p>TTL (Red &amp; Black wire)</p>
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## Chassis Assembly Example

See below for the example of how the wiring to be performed.

**Example for RM31616 backplane wiring**

