

# CHENBRO

## Server Chassis 4-Ports SATA II Backplane

### User's Manual

**80H10211202A0**

**Aug / 11 / 2010**

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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

## Contents

<b>Copyright.....</b>	<b>2</b>
<b>Technical Support.....</b>	<b>2</b>
<b>Revision History.....</b>	<b>4</b>
<b>Hardware Specification.....</b>	<b>5</b>
<b>Accommodated Chassis.....</b>	<b>5</b>
<b>Backplane Photos.....</b>	<b>6</b>
<b>Backplane Layout.....</b>	<b>7</b>
<b>Backplane Assembly.....</b>	<b>10</b>
<b>Backplane wiring.....</b>	<b>11</b>

## Revision History

Date	Modifications
Aug / 11 / 2010	● First release

## Hardware Specification

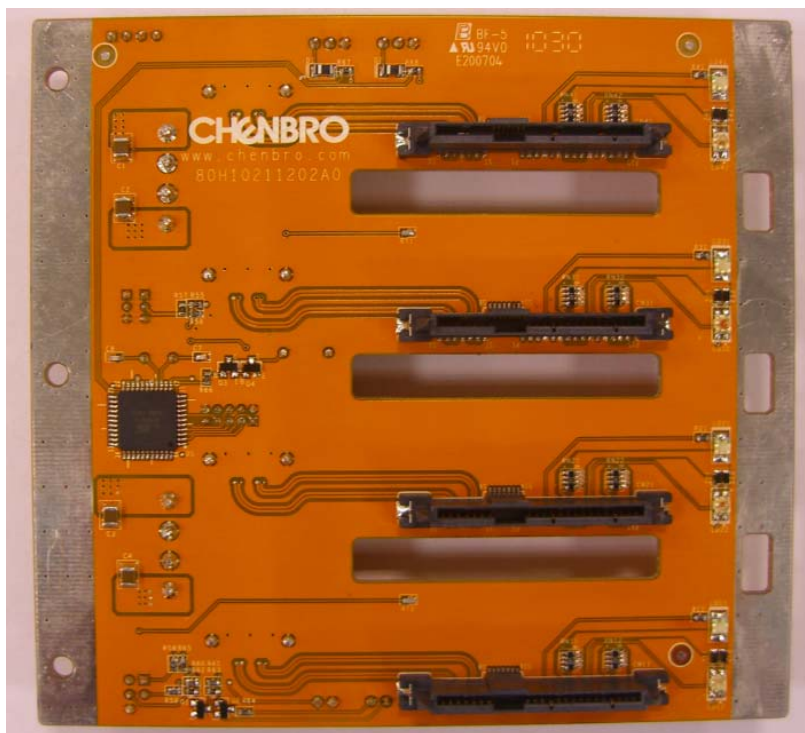
<b>Specification</b>	
<b>Host Interface</b>	<b>SATAII</b>
<b>HDD Interface</b>	<b>SATA / SAS</b>
<b>Hot-Swap</b>	<b>Yes, allows user to on line replace Hard Disk Drive</b>
<b>Display</b>	<b>LED indicates Hard Disk Drive status ( Defined by Chenbro ) Power LED – Blue ( When HDD is present ) Access LED –Green ( When HDD is busy ) Error LED –Red ( When HDD is error )</b>
<b>Cooling</b>	<b>3pin Fan connector x2</b>
<b>Connectors</b>	<b>1. SATA II x 4 2. SAS 29pin x 4 ( for HDD ) 3. Standard 4pin Power connector x 2 for +5V, +12V from power supply 4. PSU alarm</b>
<b>Dimension</b>	<b>130 ( Length ) x 120. ( Width ) x 1.6 ( Thickness ) mm</b>

## Accommodated Chassis

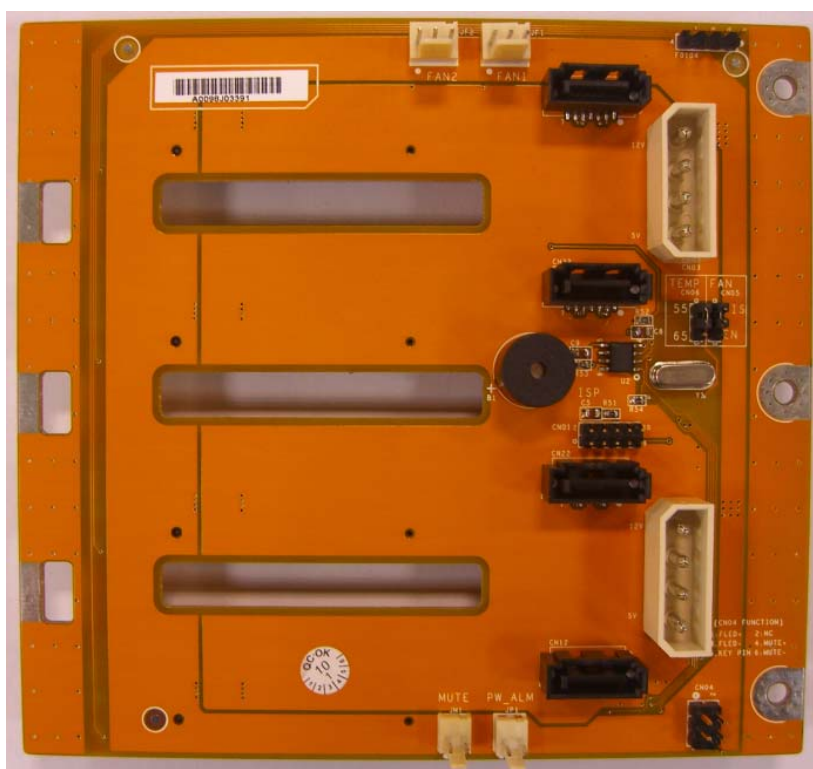
- **SR11269**

## Backplane photos

*Front side*



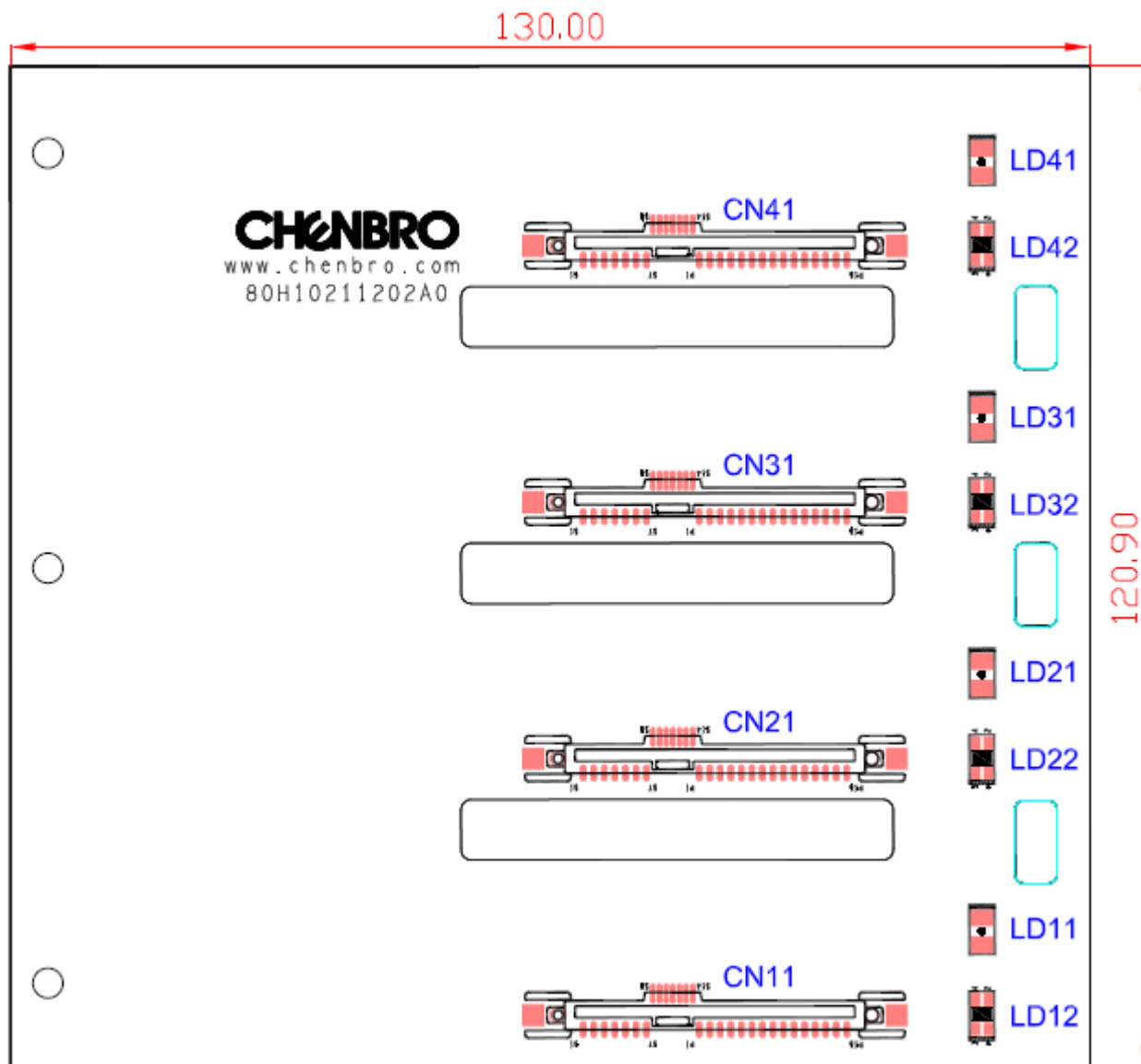
*Rear side*



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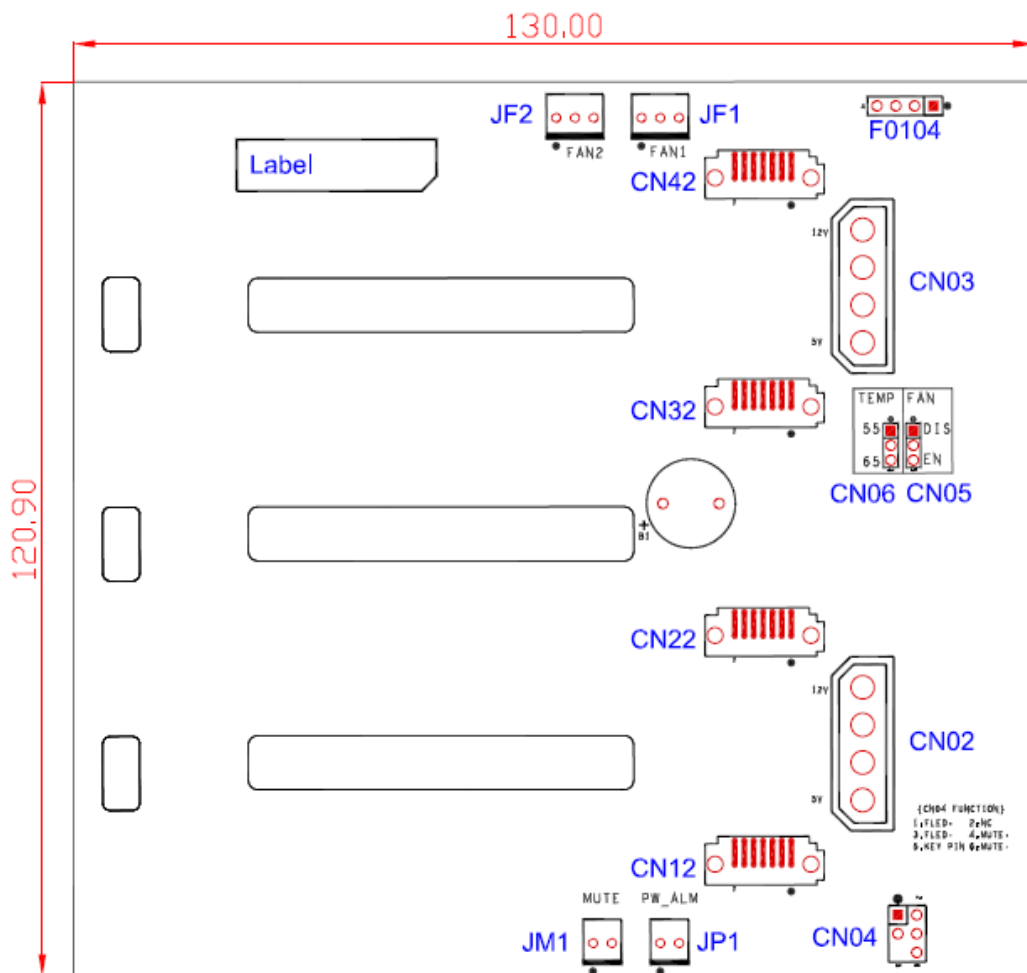
## Backplane Layout

Front view ( HDD slot IN )



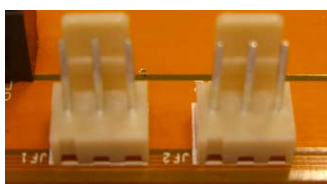
1. [CN11 / CN21 / CN31 / CN41]: connect to 29pin SAS or 22pin SATA II HDD
2. [LD11 / LD21 / LD31 / LD41]: Blue LED indicate HDD Power,
3. [LD12 / LD22 / LD32 / LD 42]: Green LED indicate HDD activity, Red LED indicate HDD failure.

Rear View ( Host Connectors IN )



4. [CN12 / CN22 / CN32 / CN42]: connect to 7pin SATA II host

5. [JF1 / JF2]: 3P3C Fan connector



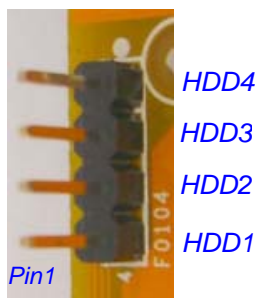
6. [JP1]: Power failure input ( To Redundant Power Supply )

7. [JM1]: Power Failure Alarm Mute Output ( To Redundant Power Supply )





8. [F0104]: Discrete HDD Fail LED Signal Input connector ( From RAID Card )



9. [CN02 / CN03]: standard big 4pin power connector



10. [CN04]: Fan / Power / Temperature Fail LED output connector ( To Front Panel LED Display )



Pin	Definition	Function
1	LED (+)	FAN / Power / Temp Fail LED
2	N/A	
3	LED (-)	FAN / Power / Temp Fail LED
4	Buzzer Mute (+)	
5	Key Pin	
6	Buzzer Mute (-)	

11. [CN05]: Fan setting

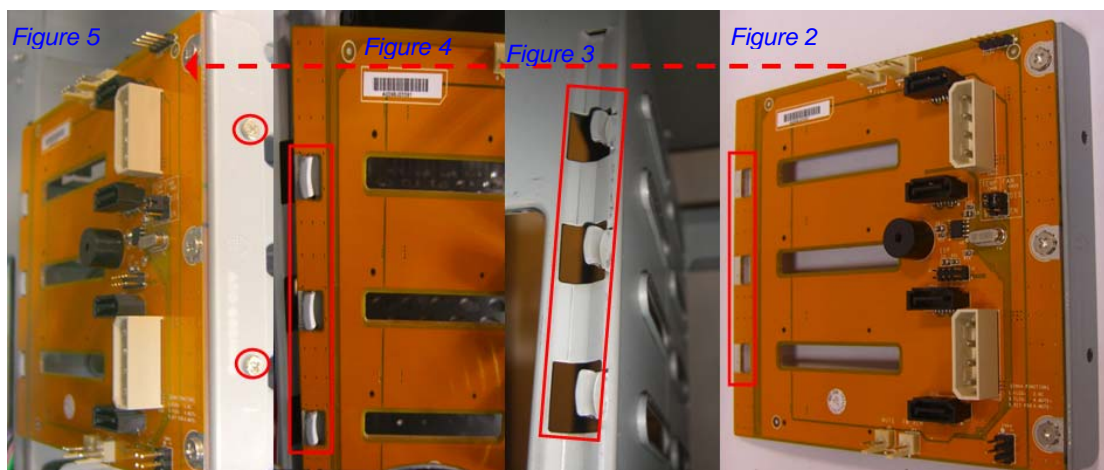
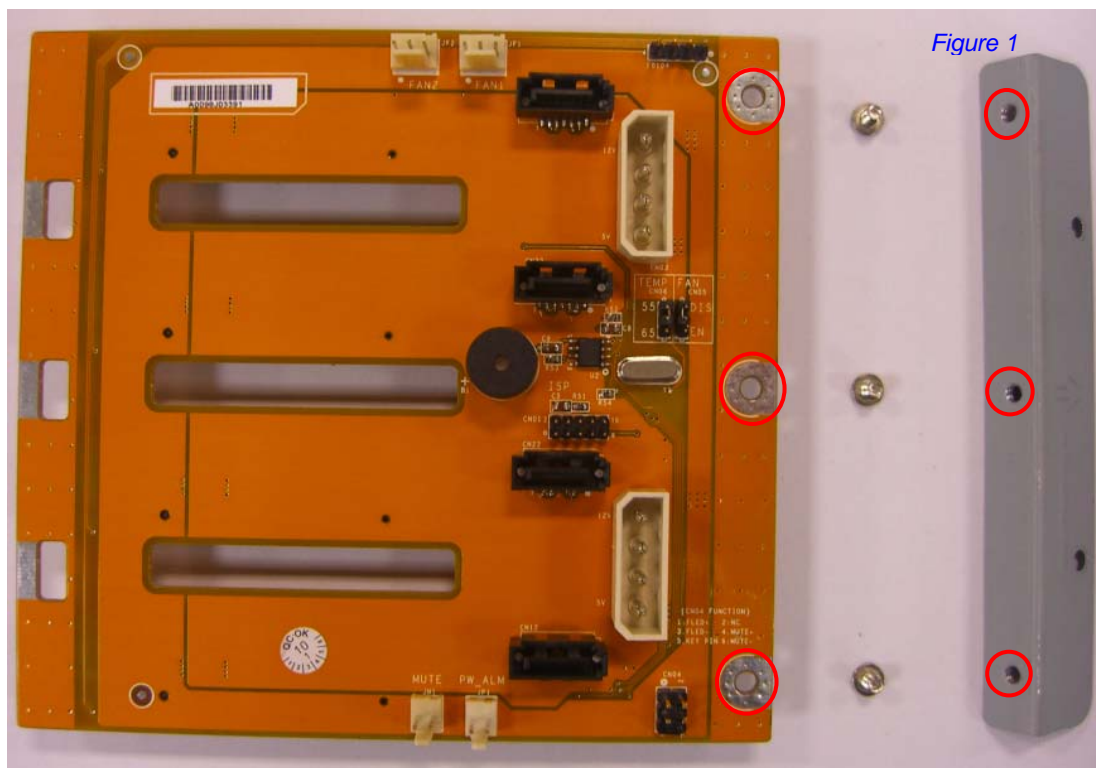
12. [CN06]: Temperature setting



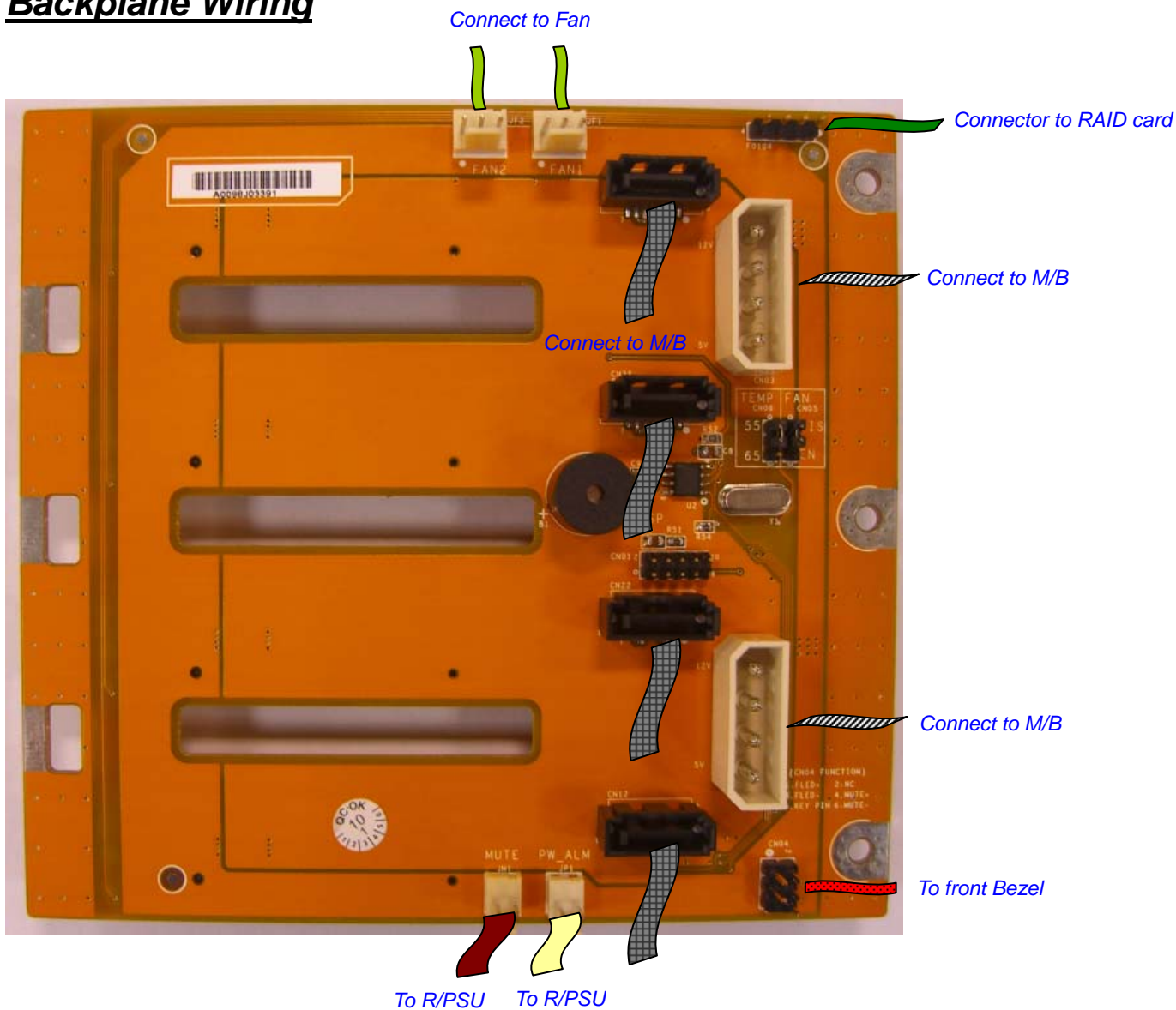
Temp		Fan		
55	1	4	DIS	Pin1 & Pin2 is setting in 55D
	2	5		Pin2 & Pin3 is setting in 65D
	3	6	EN	Pin4 & Pin5 is setting in Disable
65				Pin5 & Pin6 is setting in Enable

## Backplane Assembly

1. Assemble the backplane & bracket with screw in red, please refer to figure1, figure2.
2. Slide it into chassis, please refer to figure3, figure4.
3. Fix two screws on the bracket, please refer to figure5.



## Backplane Wiring



	SATA 7pin Cable
	Fan cable
	standard big 4pin power
	HDD Fail LED Signal Input
	Fan / Power / Temperature Fail LED output
	Power failure input
	Power Failure Alarm Mute Output