

# CHENBRO

## 2-Port 6Gb/s SATA/SAS Backplane

### 80H10551202A0

### User's Manual

April 2013

w w w . c h e n b r o . c o m

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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
Chenbro UK LTD	Chenbro China Office	
Tel: 44-(0)161-425-5341	Tel: 86 010-6709-1786	
	Fax: 86 010-8791-0567	

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# Safety Instruction

**Caution:**

Inform the user of conditions that might result in damage to hardware, corruption of customer data or application software, or long-term health hazard to people. A caution always precedes the information to which it relates.

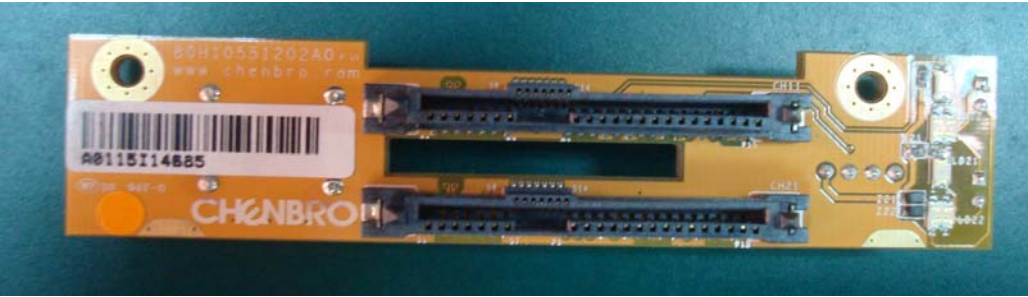
**WARNINGS:**

Alert the user to conditions that might result in injury or death. A warning always precedes the information to which it pertains.

# Revision History

Date	Modification
April / 2 / 2013	• First Release

6Gb/s Backplane Specification

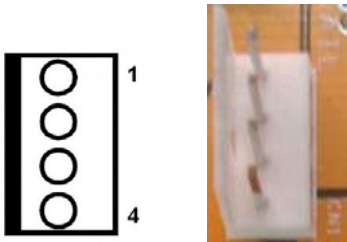


P/N: 80H10551202A0  
HDD BACKPLANE TOP VIEW

Specification	
Host Interface	SATA
HDD Interface	SATA
Hot-Swap	Yes, allows user to replace Hard Disk drive on line
Display	LED indicates Hard Disk Drive status Power LED-Blue (When HDD is present) Access LED-Green (when HDD is busy) Error LED- Red (When HDD is error)
Connectors	1. SATA Connector 7P*2 2. SAS Connector 29 P*2 3. Standard 4P Power Connector *1 for +5V, +12V from power supply 4. Pin Header 2.54mm (1x3)*2
Dimension	99(L)x 22.6(W)x 2.4(H) mm
Material	FR4 2 layer

POWER Connector (CN1)

Pin NO.	Description
1	12V
2	GND
3	GND
4	5V



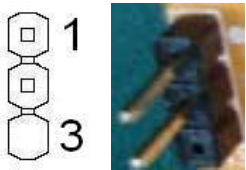
HDD ACCESS LED Connector (CN2)

Pin NO.	Description
1	HDD ACCESS LED (CH11)
2	HDD ACCESS LED (CH21)
3	KEY PIN



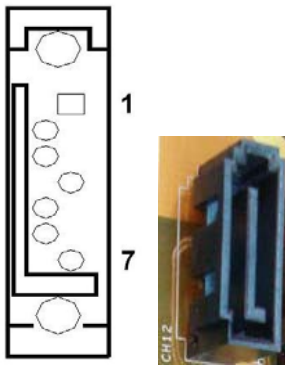
HDD FAIL LED Connector (CN3)

Pin NO.	Description
1	HDD FAIL LED (CH11)
2	HDD FAIL LED (CH21)
3	KEY PIN

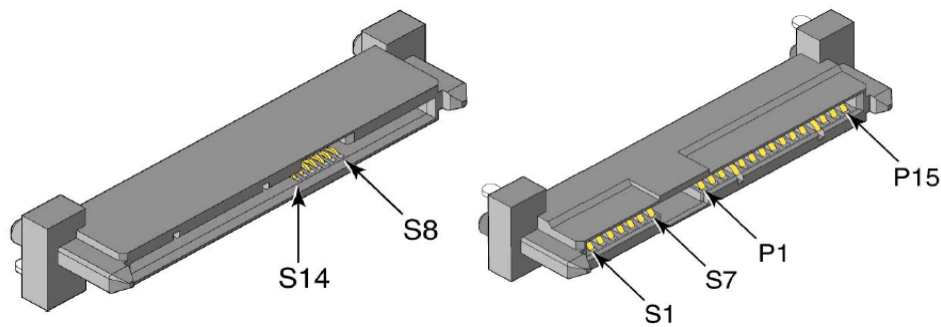


HOST IN Connector (CH12)

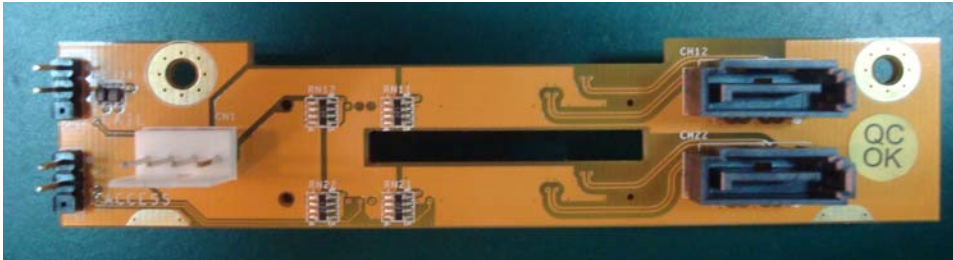
Pin NO.	Description
1	GND
2	RP
3	RN
4	GND
5	TN
6	TP
7	GND



HDD IN Connector (CH11, CH21)

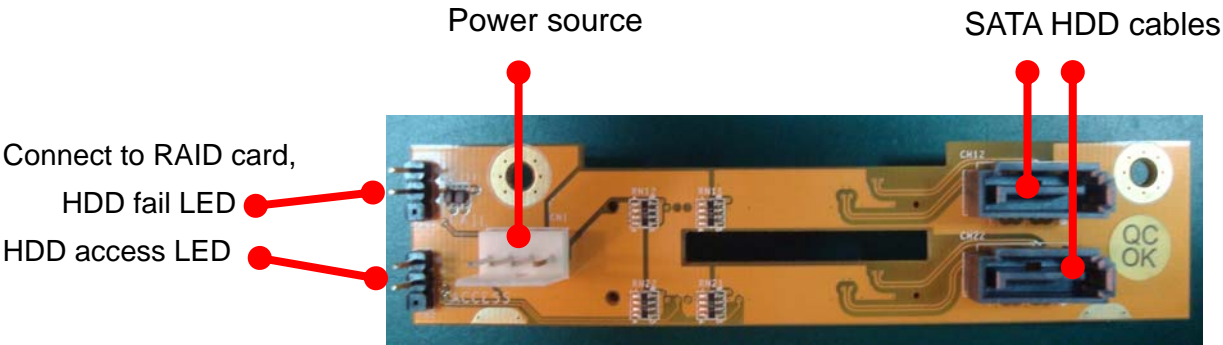


Pin NO.	Descriptions	Pin NO.	Descriptions
S1	GND	P1	NC
S2	RP	P2	NC
S3	RN	P3	NC
S4	GND	P4	GND
S5	TN	P5	POWER ENABLE
S6	TP	P6	GND
S7	GND	P7	5V PRE- CHARGE
S8	NC	P8	5V
S9	NC	P9	5V
S10	NC	P10	GND
S11	NC	P11	ACCESS SIGNAL
S12	NC	P12	GND
S13	NC	P13	12V PRE- CHARGE
S14	NC	P14	12V
		P15	12V



HDD BACKPLANE BACK SIDE VIEW

**Backplane Wiring:**



This backplane apply to Chenbro SK51201.

