

CHENBRO

LED Board

80H033131-001

User's Manual

Ver. 1.0

Sep / 15 / 2012

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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.

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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Contents

Technical Support

Copyright

Revision History

LED Board Specification

LED Board Hardware Layout

LED Board Wiring

Revision History

Date	Modifications
Sep / 15 / 2012	● First release (V1.0)

LED Board Specification

P/N : 80H033131-001 (Version A0)

Specification	
Display	LED indicates status Power LED – Blue (When power on) Fail LED – Red (system error for BP fan, temperature monitoring & RPSU power signal indication) LAN1 、LAN2 LED – Green (When internet is busy)
Connectors	1. Pin header 2.0(2x8)
Dimension	14(L) x 35(W) x 1.6(H) mm
Material	FR4 2 layer

Accommodation Chassis

- **RM13108, RM14108, RM13600, RM23612, RM23508, RM23512, RM23524, RM41736, RM41824, RM41848, RM41906, RM23910, RM23914, RM23916, RM41071, RM13920, NR10800-N0100, NR50100-T0100, NB00300-N0100, NR20700-H0100**

Remarks: Model number are subjected to be changed without notice

LED Board Layout

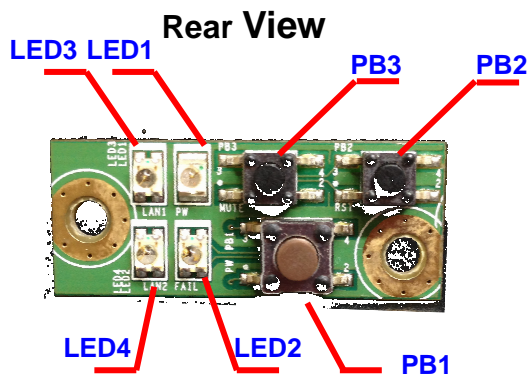
Backplane Connectors

Front View



CN1

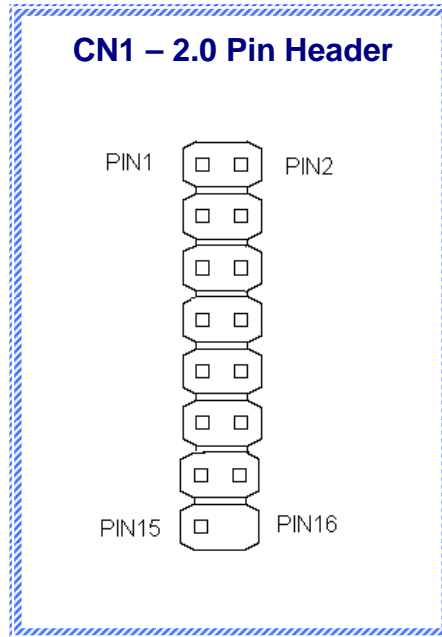
Rear View



Components	Description	Function
CN1	15 pin header	Connecting to M/B (Power SW, Reset SW, GND, Power LED, LAN 1 & LAN 2) and BP (Fail & Mute)
LED1	Power LED	Blue indicator during the power on stage
LED2	Fail LED	Red indicator during the fail (For BP fan, BP temperature & RPSU power signal indication)
LED3	LAN 1 LED	Green indicator during the network activity
LED4	LAN 2 LED	Green indicator during the network activity
PB1	Power Switch	Push button for system power on
PB2	Reset Switch	Push button for system reset
PB3	Mute Switch	Push button for alarm mute

15 pin header connector (CN1)

- Pin1 – MUTE SW (+)
- Pin2 – MUTE SW (-)
- Pin3 – FAIL LED (+)
- Pin4 – FAIL LED (-)
- Pin5 – RESET SW (+)
- Pin6 – RESET SW (-)
- Pin7 – POWER SW (+)
- Pin8 – POWER SW (-)
- Pin9 – POWER LED (+)
- Pin10 – POWER LED (-)
- Pin11 – LAN1 LED (+)
- Pin12 – LAN1 LED (-)
- Pin13 – LAN2 LED (+)
- Pin14 – LAN2 LED (-)
- Pin15 – NC
- Pin16 – KEY PIN



LED Board Wiring

Through Chenbro providing Display cable (26H11323602A1/RM236, 26H11341801A0/RM235/RM417/RM418 or 26H113131-004/RM131/RM141 or others) to make 3 boards connection (LED board, B/P & M/B) as below drawing showing.

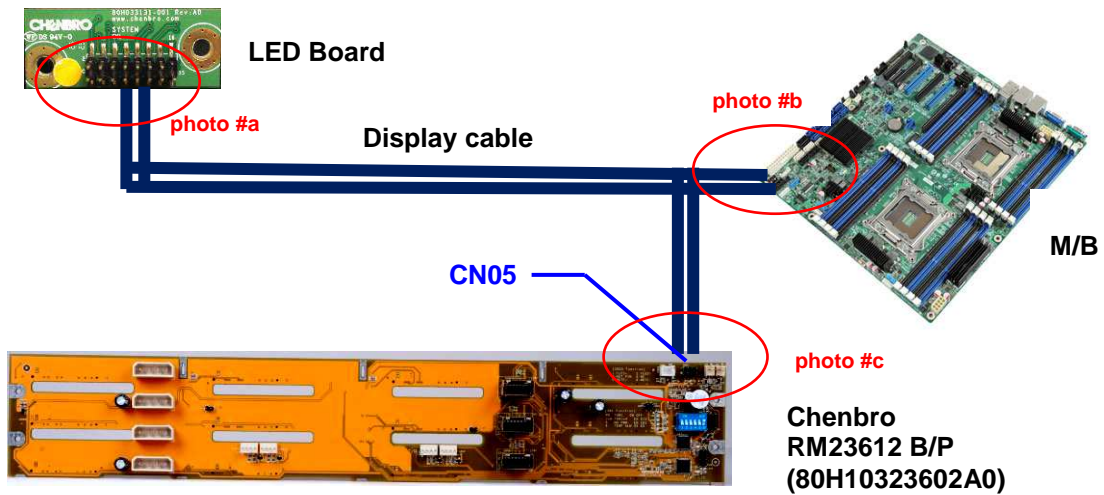


photo #a-1



photo #a-2

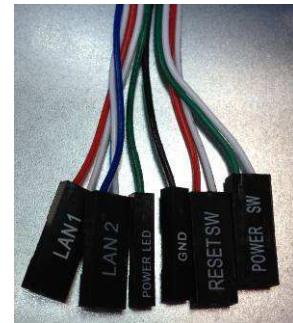


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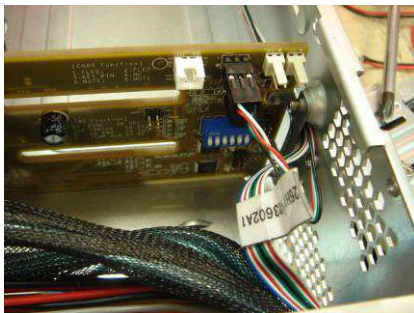


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Remarks: P/N are subjected to be changed without notice