

SUPER[®]



CSE-SATA-813L Backplane

USER'S GUIDE

Rev. 1.0

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Safety Information and Technical Specifications

1. Safety Guidelines



To avoid personal injury and property damage, please carefully follow all the safety steps listed below when accessing your system or handling the components:

ESD Safety Guidelines

Electric Static Discharge (ESD) can damage electronic components. To prevent damage to your system, it is important to handle it very carefully. The following measures are generally sufficient to protect your equipment from ESD.

- Use a grounded wrist strap designed to prevent static discharge.
- Touch a grounded metal object before removing a component from the antistatic bag.
- Handle the RAID card by its edges only; do not touch its components, peripheral chips, memory modules or gold contacts.
- When handling chips or modules, avoid touching their pins.
- Put the card and peripherals back into their antistatic bags when not in use.

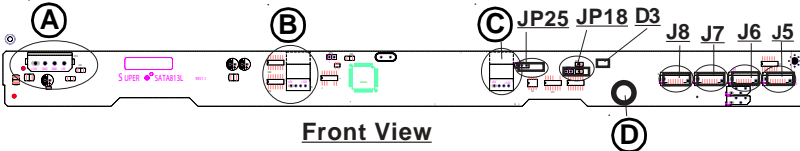
General Safety Guidelines

- Always disconnect power cables before installing or removing any components from the computer, including the SATA 813L Backplane.
- Disconnect the power cable before installing or removing any cable from the SATA 813L Backplane.
- Make sure that the SATA 813L Backplane is securely and properly installed on the motherboard to prevent damage to the system due to power shortage.

2. Jumper Settings and Pin Definitions

A. Front Jumpers and Connectors

Front Jumper/Connector Locations



(*See below for front connector/jumper descriptions.)

Front Connectors and Pin Definitions

A (J10): 813L Backplane Main Power

Backplane Main Power Connector Pin Definitions

You must use the 4-pin power connector (J10) to provide adequate power supply to the Backplane. See the table on the right for pin definitions.

Backplane Main PWR 4-pin Connector (J10)

Pins #	Definition
1	+12 V
2 & 3	Ground
4	+5V

B/C: CD-ROM/Floppy Drive Power Connectors

CD-ROM/FDD Power Connector Pin Definitions

You must use the 4-pin power connectors, marked "B" and "C" on the layout above, to provide power supply to the CD-ROM and Floppy Drives. See the table on the right for pin definitions.

CD-ROM/FDD PWR 4-pin Connectors

Pins #	Definition
1	+5 V
2 & 3	Ground
4	+12V

D: Buzzer

Front Jumper Descriptions and Pin Descriptions

Jumper	Description	Definition
JP18	Open	Buzzer Enable (*Default)
	Closed	Buzzer Disable
JP25	1-2	Overheat Temperature at 50 ^o C (*Default)
	2-3	Overheat Temperature at 55 ^o C
	Open	Overheat Temperature at 45 ^o C

Front SATA Activity Connectors

Front Connector	Specification
J5 (Front)	SATA#0 Act In (Cable to MB)
J6 (Front)	SATA#1 Act In (Cable to MB)
J7 (Front)	SATA#2 Act In (Cable to MB)
J8 (Front)	SATA#3 Act In (Cable to MB)

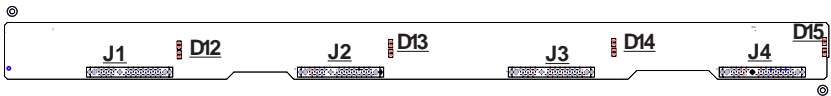
Front Overheat LED Indicator

Front LED Indicator	Specification
D3 (Front)	Overheat LED Indicator

B. Rear Connectors and LED Indicators

Rear Connector/LED Indicator Locations

Rear View



(*See below for rear connector/LED descriptions.)

Connector/LED Indicator Descriptions

Connectors

Rear Connector	Specification
J1 (Rear)	SATA#0 HDD (connected to HDD)
J2 (Rear)	SATA#1 HDD (connected to HDD)
J3 (Rear)	SATA#2 HDD (connected to HDD)
J4 (Rear)	SATA#3 HDD (connected to HDD)

LED Indicators

Rear LED Indicators	Specification
D12 (Rear)	SATA#0 Act
D13 (Rear)	SATA#1 Act
D14 (Rear)	SATA#2 Act
D15 (Rear)	SATA#3 Act

Notes