

EMPS-32R1

mPCIe to dual SATA III RAID Module

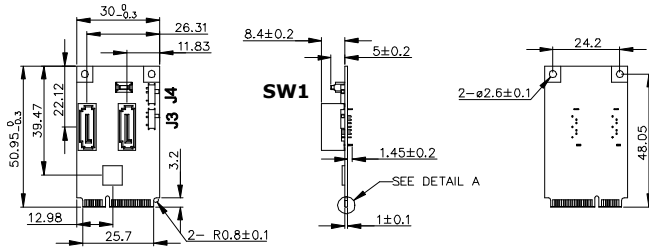


Features

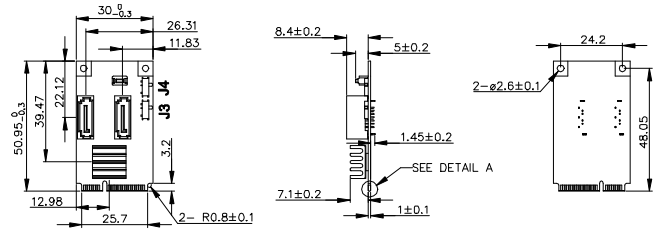
- mPCIe to dual SATA III ports.
- Low power consumption.
- Supports AHCI, Port-Multiplier.
- Supports Native Command Queuing
- Supports Hardware RAID 0, RAID1
- Supports wide temp
- 30μ golden finger, 3 years warranty.
- Industrial design, manufactured in innodisk Taiwan

Mechanical Drawing

Standard Temp



Wide Temp



Specifications

Form-Factor	mPCIe
Input I/F	PCI Express 2.0
Output I/F	SATA III
Output Connector	SATA 7pin x 2
TDP	1.98W (3.3V x 600mA)
Dimension (WxLxH)	Standard Temp: 30 x 50.9 x 10.85 mm, Weight: 8.5g Wide Temp: 30 x 50.9 x 10.85 mm, Weight: 8.5g
Temperature	Operation: STD: 0°C ~ +70°C WT: -40°C ~ +85°C Storage: -55°C ~ +95°C
Environment	Vibration: 5G @7~2000Hz, Shock: 50G @ 0.5ms
Notes	1. RAID Mode Setting: [J3:J4] RAID0: 2:1, RAID1: 1:2, PM: 1:1 2. Press tact switch SW1 for reset.

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Order information

EMPS-32R1-C1

mPCIe to dual SATA III RAID Module

EMPS-32R1-W1

mPCIe to dual SATA III RAID Module W/T

RAID Mode Setting

	J3	J4
RAID 0	2	1
RAID 1	1	2
Port Multiplier	1	1

Installation Guide



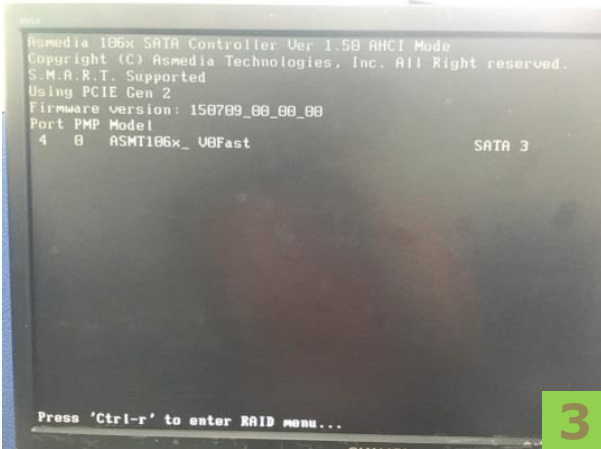
Please connect EMPS-32R1 to onboard mPCIe slot.

LED Assignment

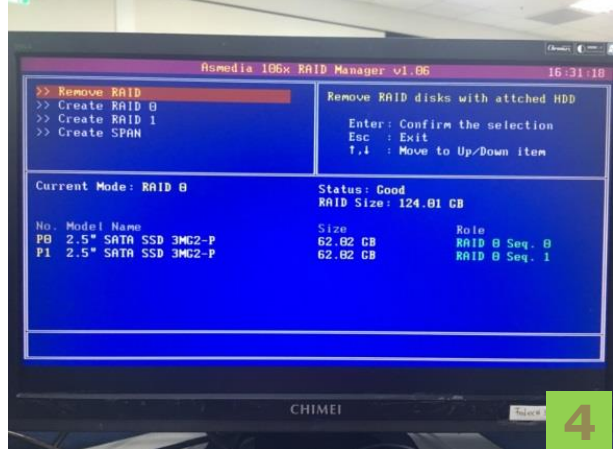
Access	Green, Bright blinking
Rebuild	Green, Breath Light (the light gradually fade-in back and forth)



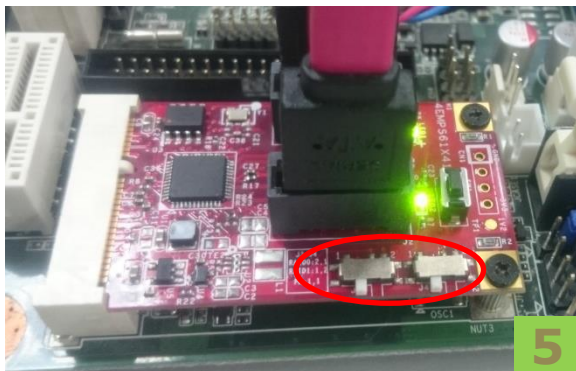
Please connect SSD in EMPS-32R1 SATA slot.



Press 'Ctrl-r' to enter RAID menu during this scene.



You can config and check RAID status in this RAID menu before installing OS.



Please use slide switch J3/J4 to change RAID mode as above setting list.



Please push tact switch 3 seconds for reset then check RAID menu in step 4 to see if it takes effect.