

CMI203  
User's Manual  
Version: 1.0



**IBASE TECHNOLOGY INC.**  
Bldg. G, 11F, No. 3-1, Yuan Qu St.,  
Nankang, Taipei, Taiwan, R.O.C.

TEL: +886-2-2655-7588  
FAX: +886-2-2655-7388  
E-mail: [sales@ibase.com.tw](mailto:sales@ibase.com.tw)

---

## *Table of Contents*

<b>Chapter 1</b>	<b>System Specification</b> .....	<b>3</b>
<b>Chapter 2</b>	<b>Outward</b> .....	<b>4</b>
<b>Chapter 3</b>	<b>Opening the chassis</b> .....	<b>5</b>
<b>Chapter 4</b>	<b>Assembly</b> .....	<b>6</b>
<b>Chapter 5</b>	<b>Installing the 3.5” HDD</b> .....	<b>7</b>

To prevent damage to the system board, please handle it with care and follow the measures below, which are generally sufficient to protect your equipment from static electricity discharge:

When handling the board, use a grounded wrist strap designed for static discharge elimination grounded to a metal object before removing the board from the antistatic bag. Handle the board by its edges only; do not touch its components, peripheral chips, memory modules or gold contacts.

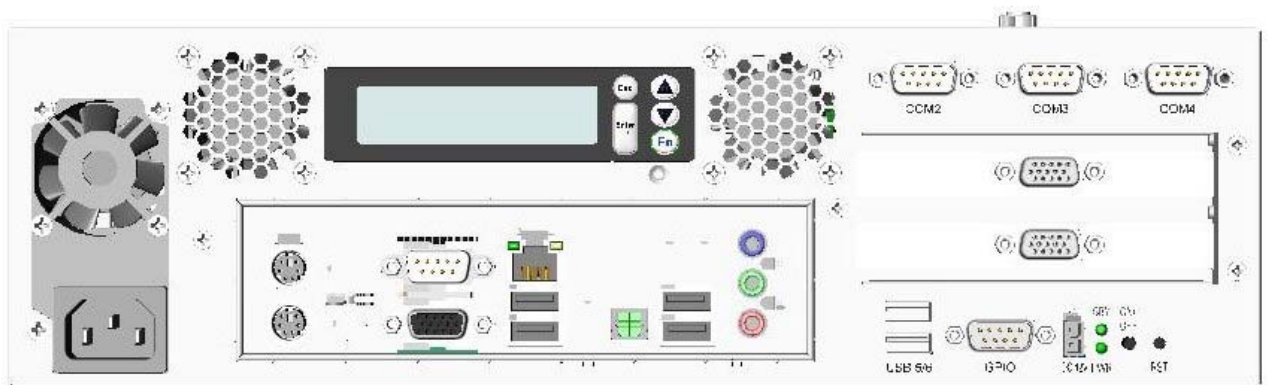
When handling processor chips or memory modules, avoid touching their pins or gold edge fingers. Return the Network Appliance system board and peripherals back into the antistatic bag when not in use or not installed in the chassis.

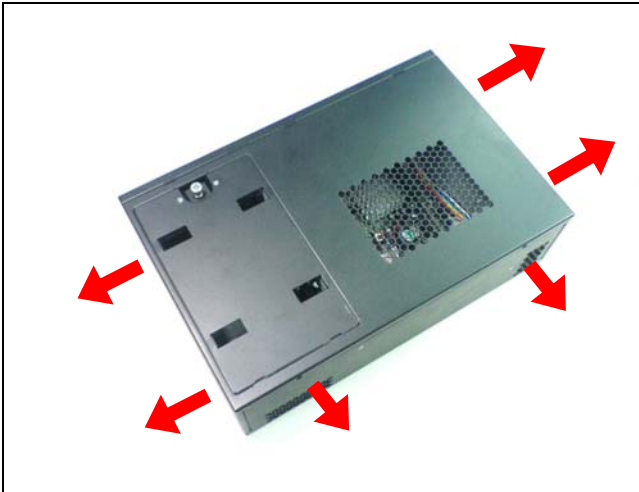
Some circuitry on the system board can continue to operate even though the power is switched off. Under no circumstances should the Lithium battery cell used to power the real-time clock be allowed to be shorted. The battery cell may heat up under these conditions and present a burn hazard.

### **WARNING!**

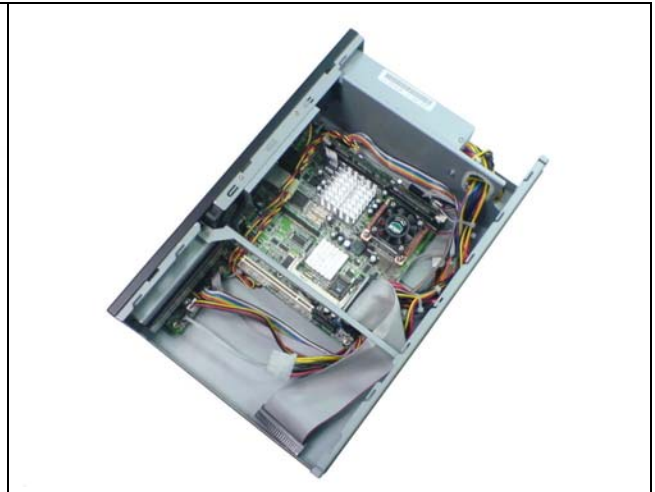
1. "CAUTION: DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED.  
REPLACE ONLY WITH SAME OR EQUIVALENT TYPE RECOMMENDED BY THE MANUFACTURER. DISCARD USED BATTERIES ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS"
2. This guide is for technically qualified personnel who have experience installing and configuring system boards. Disconnect the system board power supply from its power source before you connect/disconnect cables or install/remove any system board components. Failure to do this can result in personnel injury or equipment damage.
3. Avoid short-circuiting the lithium battery; this can cause it to superheat and cause burns if touched.
4. Do not operate the processor without a thermal solution. Damage to the processor can occur in seconds.
5. Do not block air vents at least minimum 1/2-inch clearance required.

<b>Chassis Dimensions</b>	100mm (H) x 225mm (W) x 345mm (D)
<b>System Mainboard</b>	iBASE Mini-ITX series
<b>Multi-function interface board</b>	ID723
<b>Storage</b>	3.5" IDE HDD x 1
<b>Mounting</b>	Support table and wall mount
<b>Expansion</b>	PCI Slots x 2 <b>(Optional)</b>
<b>I/O</b>	Flexible iBase mini ITX boards' I/O shields extra USB port x2 HDD led x1, Power led x1, ATX power On/Off button x1, Reset button x1, DC 12V output connector x 1, D-Sub 9 GPIO connector x 1, COM connector x 3 LCM module <b>(Optional)</b>
<b>Power Supply</b>	Flex ATX 180W or 250 power supply. 100-240V, 50-60Hz

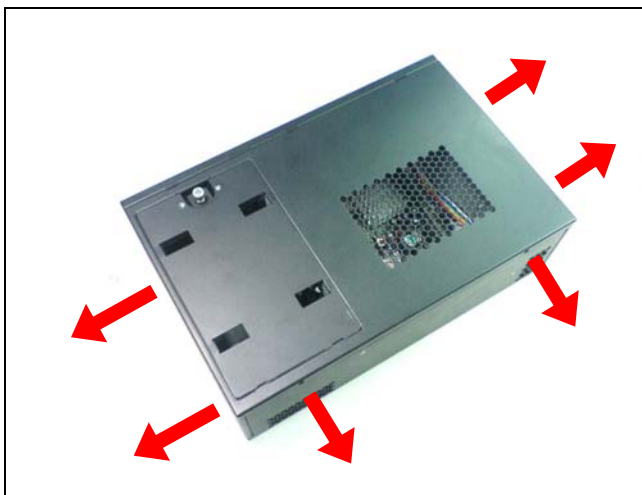




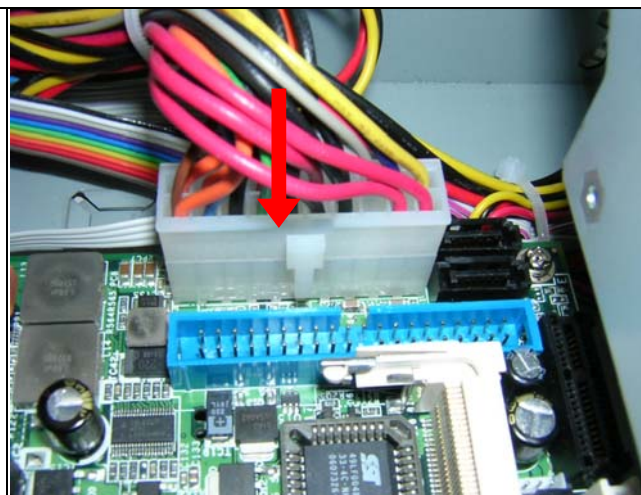
**Fig. 3-1** Take off screws



**Fig. 3-2** The base stand

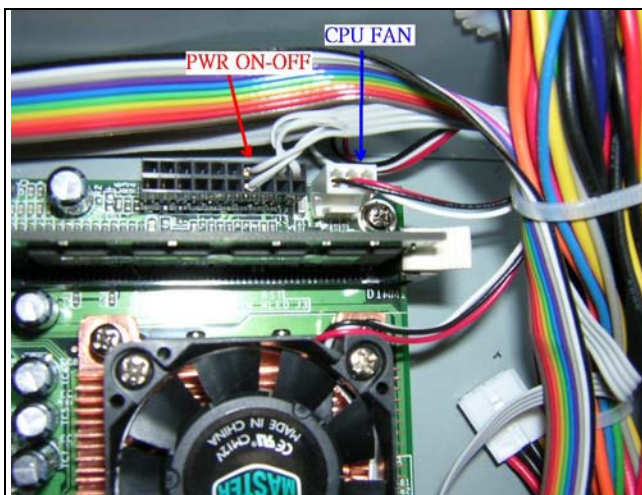


**Fig. 4-1** Fasten the six screws



**Fig. 4-2** Fix PSU cable

Note: With the information of connector location, please refer to the user manual for mainboard.



**Fig. 4-3** Fix both CPU fan & PWR ON-OFF cables.

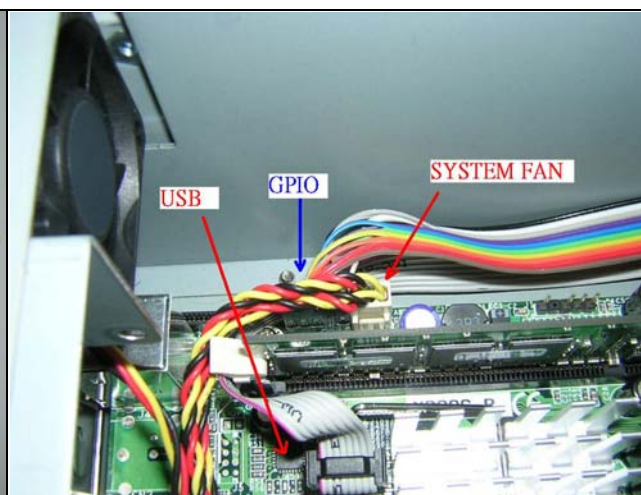
Note: With the information of connector location, please refer to the user manual for mainboard.



**Fig. 4-4** ID723



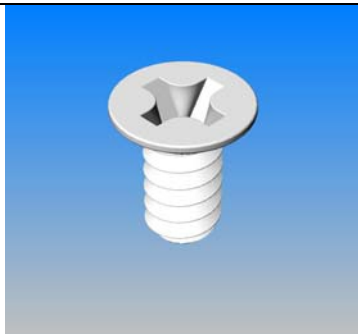
**Fig. 4-5** Connect two fan cable



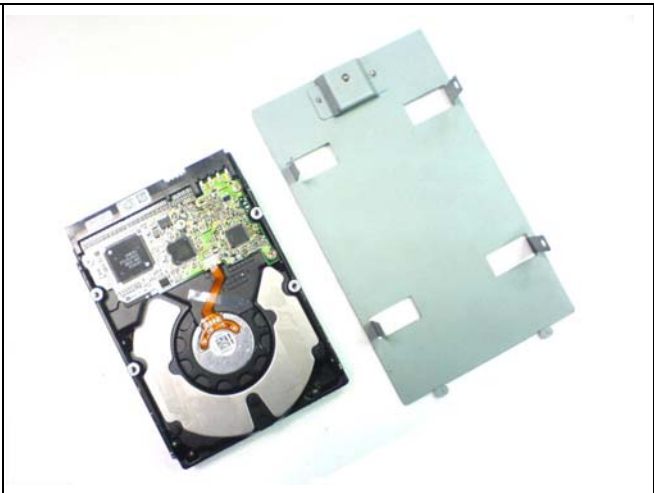
**Fig. 4-6** Fix GPIO / system fan / USB cables

Note: With the information of connector location, please refer to the user manual for mainboard.

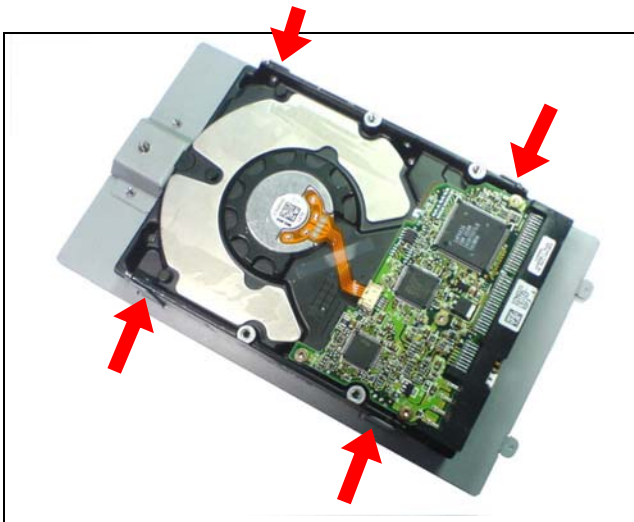




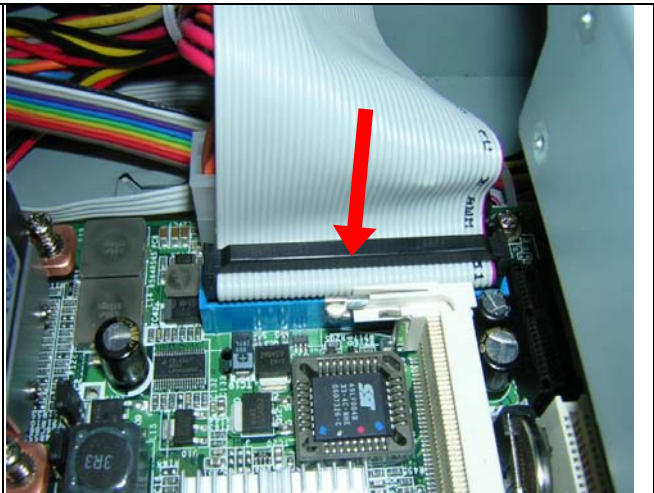
**Fig. 5-1** The screws for #632UNC x 4 (Flat head)



**Fig. 5-2** The bracket for 3.5" HDD



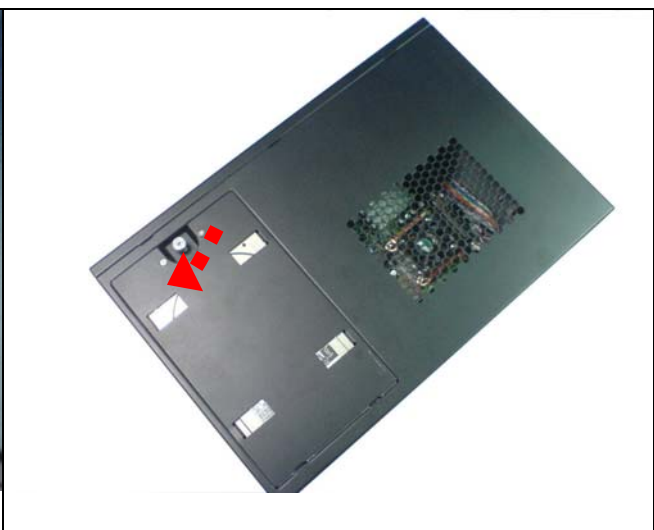
**Fig. 5-3** Fasten the four screws to lock HDD and bracket together.



**Fig. 5-4** Connect IDE cable to mainboard.



**Fig. 5-5** Connect IDE cable and power connector to 3.5" HDD



**Fig. 5-6** Fasten the screw to lock HDD bracket