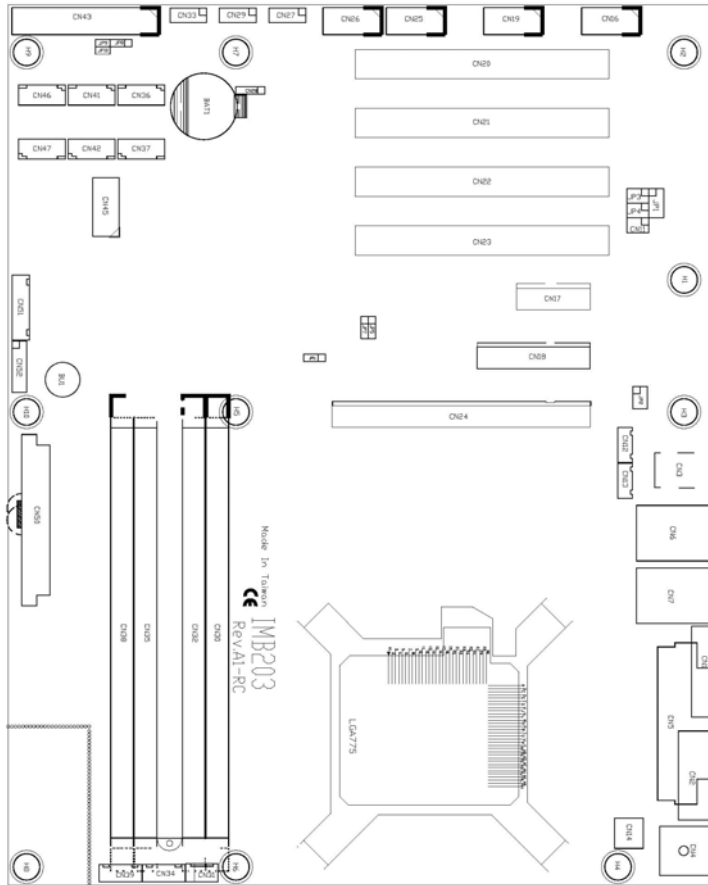


IMB203 Series Quick Installation Guide

flashes when HDD is being accessed. Pin 13 and 14 connect the hard disk drive to the front panel HDD LED, Pin 13 assigned as -, and Pin 14 as +.

V. Board Layout



IMB203 Series Quick Installation Guide

I. Checklist

- ✓ IMB203 Socket 775 All-In-One Board x 1
- ✓ Quick Installation Guide x 1
- ✓ Product Information CD x 1
- ✓ 2-pin Mini Jumper Caps x 15
- ✓ SATA Cable x 1
- ✓ COM, Printer Extension Cables with Bracket x 1
- ✓ I/O Bracket x 1

Note:

1. Please contact your local vendors if any damaged or missing items. DO NOT apply power to the board if any damaged components.
2. For ICH10DO only supports 6 lanes of PCIe (6 PCIe x1 or 4 PCIe x4 plus 2 PCIe x1); the two on-board Gigabit Ethernet had used 2 from 6, so only 4 left for expansion slots. By the limitation of ICH10DO, the CN18 (PCIe x4 slot) and the CN17 (PCIe x1 slot) can't work at the same time with the same BIOS version.

Therefore, 2 BIOS versions are required to be applied as following configurations:

- Type A: BIOS set as PCIe x4 enabled (the default one). The CN18 enabled and CN17 disabled; Device usage: For one PCIe x4 device or one PCIe x1 device plugged in CN18.
- Type B: BIOS set as PCIe x1 enabled. The CN18 enabled as PCIe x1 function only and the CN17 enable;
To get this BIOS by <http://www.axiomtek.com/support/download.asp>

II. Jumper Settings

Before applying the power to IMB203 Series, please make sure all jumper settings are defaulted as the following table:

Description	Function	Jumper Setting		
		JP1	JP3	JP4
COM1	RS-232 (Default)			
	RS-422			

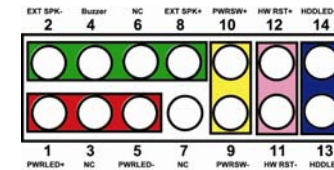
Description	Function	Jumper Setting	
CMOS Clear (JP7)	Normal (Default)		Clear CMOS
ME Disable/ Enable (JP10)	Enable (Default)		Disable
Audio Amplifier (JP2)	Disable		Enable (Default)

III. Connectors

Label	Connector
CN1	VGA
CN2	COM 1
CN3	Audio out, Mic in
CN4	Keyboard Mouse
CN5	Print Port
CN6, CN7	USB Ports
Label	Connector

CN14	ATX 2x2
CN16	COM 2
CN19	COM 3
CN25	COM 4
CN26	DIO
CN27, CN29, CN33, CN45	USB
CN31	FAN
CN36, CN37, CN41,	SATA
CN50	ATX-24Pin
CN52	F_PANEL

IV. Front Panel Connector



- Power LED**
 This 3-pin connector denoted as Pin 1 and Pin 5 connects the system power LED indicator to such a switch on the case. Pin 1 is assigned as +, and Pin 5 as -. The Power LED lights up when the system is powered ON.
- External Speaker and Internal Buzzer Connector**
 Pin 2, 4, 6 and 8 can be connected to the case-mounted speaker unit or internal buzzer. While connecting the CPU card to an internal buzzer, please short pins 2-4; while connecting to an external speaker, you need to set pins 2-4 to Open and connect the speaker cable to pin 8 (+) and pin 2 (-).
- ATX Power On/Off Button**
 This 2-pin connector denoted as Pin 9 and 10 connects the front panel's ATX power button to the CPU card, which allows users to control ATX power supply to be power on/off.
- System Reset Switch**
 Pin 11 and 12 can be connected to the case-mounted reset switch that reboots your computer instead of turning OFF the power switch. It is a better way to reboot your system for a longer life of the system's power supply.
- HDD Activity LED**
 This connection is linked to hard drive activity LED on the control panel. LED