

# Motherboard troubleshooting

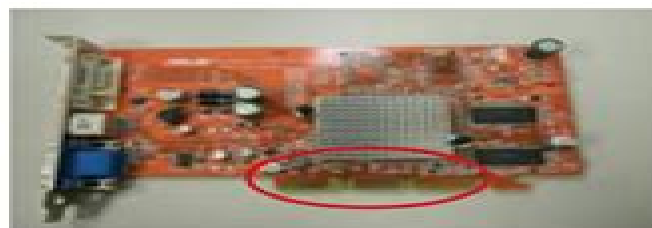
This guide provides some solutions to the problems you may encounter after assembling your PC. Try performing the suggested solutions before calling for technical support.

## Solutions to basic problems

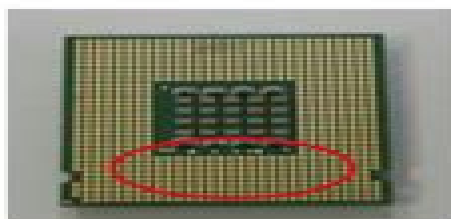
Many booting failures are caused by negligence in following simple procedures such as connecting cables or installing computer peripherals like graphic cards, memory modules, CPU, or heatsink fan assembly. This section provides basic tips on how to avoid these problems.

### Check connectors

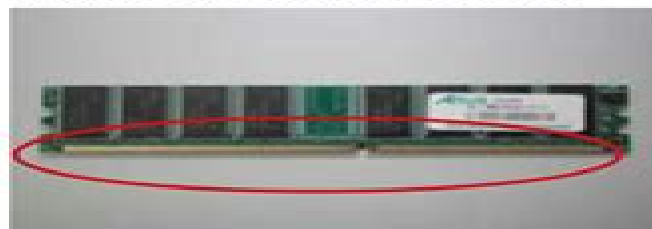
- Make sure there is no foreign material on the goldfingers or pins. See pictures 1, 2, 3, 4, and 5.
- Wipe the surface of the goldfingers with clean cloth or eraser.
- Make sure the pins on the IDE, CPU and onboard connectors are not bent. See pictures 4 and 5.



Picture 1. Goldfingers of a VGA card



Picture 3. Socket LGA 775



Picture 2. Goldfingers of a DDR module



- If the damage to the pins occurred due to customer handling, the retailer may charge you or refuse to repair the damaged components.
- Contact your retailer if any of the components are bent, damaged, or missing.

# Motherboard Troubleshooting Guide

**Alfred Poor**



## **Motherboard Troubleshooting Guide:**

*PC User's Troubleshooting Guide* TechRepublic, Incorporated, 2003-05      Mike Meyers' A+ Guide to Managing and Troubleshooting PCs, Second Edition Mike Meyers, 2007-03-15 Essential Skills for a Successful IT Career Mike Meyers the leading authority on CompTIA A training and certification has helped hundreds of thousands of people master CompTIA A PC technician skills and now he can help you too Completely updated for the new CompTIA A standards Mike Meyers CompTIA A Guide to Managing and Troubleshooting PCs Second Edition will help you pass the CompTIA A certification exams and become an expert hardware technician Inside you ll find helpful on the job tips end of chapter practice questions and hundreds of photographs and illustrations Learn how to Work with CPUs RAM and motherboards Install partition and format hard drives Work with portable PCs PDAs and wireless technologies Install upgrade and troubleshoot Windows 2000 Professional and Windows XP Install sound and video cards Manage printers and connect to networks Implement security measures Understand safety and environmental issues Establish good communication skills and adhere to privacy policies The CD ROM features Eight full practice exams covering CompTIA A Essentials and Exams 220 602 220 603 and 220 604 One hour of LearnKey video training featuring Mike Meyers teaching key CompTIA A topics Electronic copy of the book Complete exam objective map for all four exams List of official CompTIA A acronyms Useful tools and utilities for PC technicians Each chapter includes Learning objectives Photographs and illustrations Real world examples Try This and Cross Check exercises Tech tips notes and warnings End of chapter quizzes and lab projects      PC Troubleshooting Pocket Guide Jean Andrews, 2004 This compact volume provides essential diagnostic and troubleshooting information in a portable size 4 by 7 inches The PC Troubleshooting Pocket Guide will help individuals diagnose computer problems with ease and speed Updated to include information on Windows XP Windows 2000 and Linux this is an essential tool for anyone who needs to find PC information quickly and efficiently      **Mike Meyers' CompTIA A+ Guide to 802 Managing and Troubleshooting PCs, Fourth Edition (Exam 220-802)** Michael Meyers, 2012-11-06 Essential Skills for a Successful IT Career Written by the leading authority on CompTIA A certification and training this instructive full color guide will help you pass CompTIA A exam 220 802 and become an expert PC technician Mike Meyers CompTIA A Guide to 802 Managing and Troubleshooting PCs Fourth Edition is completely up to date with the new CompTIA A standards Inside you ll find helpful on the job tips end of chapter practice questions and hundreds of photographs and illustrations End of chapter solutions and answers are only available to instructors and are not printed inside the book Learn how to Troubleshoot CPUs RAM BIOS settings motherboards power supplies and other PC components Implement and troubleshoot hard drives Install upgrade maintain and troubleshoot Windows XP Windows Vista and Windows 7 Work with the Registry and understand the Windows boot process Work with Ethernet and TCP IP Implement and troubleshoot wired and wireless networks Manage and maintain portable PCs Work with smartphones tablets and other mobile devices Troubleshoot printers Secure PCs and protect them

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*CompTIA A+ Complete Review Guide* Emmett Dulaney, 2009-08-19

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*Mike Meyers' CompTIA A+ Guide to Managing and Troubleshooting PCs, Sixth Edition (Exams 220-1101 & 220-1102)* Mike Meyers, 2019-05-10

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