# Motherboard troubleshooting

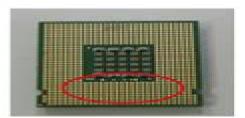
This guide provides some solutions to the problems you may encounter after assembling your PC. Try performing the suggested solutions before calling for technical support.

# 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 hearsink fan assembly. This section provides basic tips on how to avoid these problems.

#### Check connectors

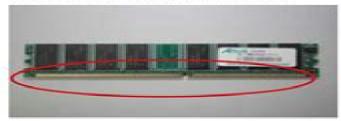
- Make sure there is no foreign material on the goldfingers or pins.
  See pictures 1, 2, 3, 4, and 5.
- Wipe the surface of the goldfingers with clean cloth or eraser.
- Make sure the pins on the IDE, CPU and onboard connectors are not bent. See pictures 4 and 5.



Picture 3. Socket LGA 775



Picture 1. Goldfingers of a VGA card



Picture 2. Goldfingers of a DDR module



- If the damage to the pins occured 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.

# **Troubleshooting Guide For Motherboard**

**TechRepublic, Incorporated** 

#### **Troubleshooting Guide For Motherboard:**

**PC Troubleshooter Resource Guide** TechRepublic, Incorporated,2004 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 guestions 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 guizzes and lab projects PC User's Troubleshooting Guide TechRepublic, Incorporated, 2003-05 Pc Troubleshooting Pocket Guide Jean Andrews, 2003-04 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 The Ultimate PC Upgrade and Troubleshooting Handbook Pasquale De Marco, 2025-04-15 In the ever evolving world of personal computing staying up to date with the latest technologies and maintaining a well functioning PC can be a daunting task The Ultimate PC Upgrade and Troubleshooting Handbook is the ultimate guide to PC upgrades troubleshooting and maintenance providing you with the knowledge and skills to keep your computer running smoothly and efficiently Written in a clear and easy to understand style The Ultimate PC Upgrade and Troubleshooting Handbook covers a wide range of topics from basic PC components and their functions to advanced troubleshooting techniques Whether you re a novice user looking to learn the basics of PC maintenance or an experienced enthusiast seeking to maximize your system's performance this book has something for everyone Inside you ll find step by step instructions for a variety of PC upgrade and maintenance tasks including Upgrading your processor for faster performance Increasing your RAM capacity for improved multitasking Installing a solid state drive SSD for lightning fast data access Adding a graphics

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