

# Motherboard troubleshooting

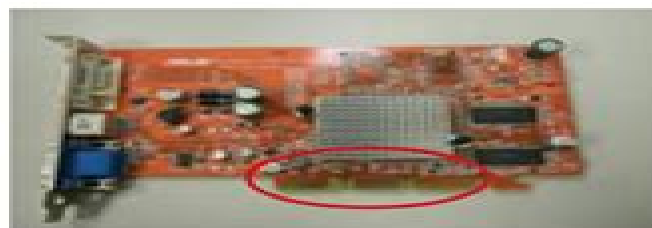
This guide provides some solutions to the problems you may encounter after assembling your PC. Try performing the suggested solutions before calling for technical support.

## Solutions to basic problems

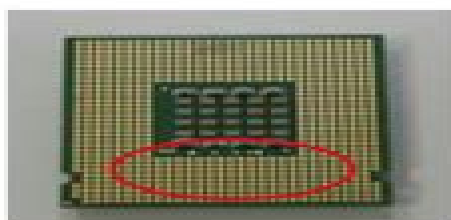
Many booting failures are caused by negligence in following simple procedures such as connecting cables or installing computer peripherals like graphic cards, memory modules, CPU, or heatsink fan assembly. This section provides basic tips on how to avoid these problems.

### Check connectors

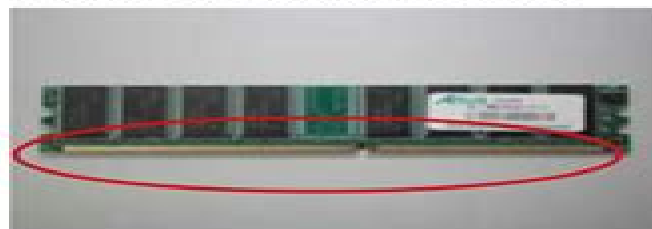
- Make sure there is no foreign material on the goldfingers or pins. See pictures 1, 2, 3, 4, and 5.
- Wipe the surface of the goldfingers with clean cloth or eraser.
- Make sure the pins on the IDE, CPU and onboard connectors are not bent. See pictures 4 and 5.



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

**Mike Meyers**

A red circular graphic with a gradient, appearing as a partial circle or a stylized arrow pointing to the right, located to the right of the author's name.

## **Motherboard Troubleshooting Guide:**

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**PC User's Troubleshooting Guide** TechRepublic, Incorporated, 2003-05 **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

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Everett, Andrew Hutz, 2022-11-11 Fully Updated Essential Skills for a Successful IT Career Created and edited by the leading authority on CompTIA A certification and training this four color guide will help you pass CompTIA A exams 220 1101 and 220 1102 and become a certified IT professional with proven expertise in hardware and software Mike Meyers CompTIA A TM Guide to Managing and Troubleshooting PCs Seventh Edition offers complete coverage of the latest exam objectives You ll get on the job tips end of chapter review questions and hundreds of photographs and illustrations Learn how to Work with CPUs RAM BIOS motherboards power supplies and other personal computer components Install configure and maintain hard drives Manage input devices and removable media Set up upgrade and maintain Microsoft Windows Troubleshoot and fix computer problems Establish users and groups Set up video and multimedia cards Administer smartphones tablets and other mobile devices Set up wired and wireless networks Connect to the Internet Protect your personal computer and your network

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*Troubleshooting PCs, Third Edition (Exams 220-701 & 220-702)* Mike Meyers, 2010-01-22 Essential Skills for a Successful IT Career Written by CompTIA certification and training expert Mike Meyers this instructive full color guide will help you pass the CompTIA A exams and become an expert hardware technician Mike Meyers CompTIA A Guide to Managing and Troubleshooting PCs Third Edition is completely up to date with the latest CompTIA A standards Inside you ll find helpful on the job tips end of chapter practice questions and more than 1 000 photographs and illustrations Learn how to Work with CPUs RAM motherboards power supplies and other PC components Install partition and format hard drives Install upgrade and troubleshoot Windows 2000 Windows XP and Windows Vista Troubleshoot PCs and implement security measures Install video and multimedia cards Work with portable PCs PDAs smartphones and wireless technologies Manage printers and connect to networks and the Internet Understand safety and environmental issues Establish good communications skills and adhere to privacy policies The CD ROM features Practice exams for 701 702 600 chapter review questions New video introduction to CompTIA A One hour video training segment Mike s favorite PC tools and utilities Searchable e book Each chapter includes Learning objectives Full color photographs and illustrations Real world examples Try This and Cross Check exercises Tech tips notes and warnings End of chapter quizzes and lab projects Mike Meyers CompTIA A CompTIA Network MCP is the industry s leading authority on CompTIA A certification and training and the bestselling author of seven editions of CompTIA A All in One Exam Guide He is the president and founder of Total Seminars LLC a major provider of PC and network repair seminars for thousands of organizations throughout the world and a member of CompTIA **CompTIA A+ Certification All-in-One Exam Guide, Eleventh Edition (Exams 220-1101 & 220-1102)** Mike Meyers, Travis A. Everett, Andrew Hutz, 2022-11-16 This bestselling on the job reference and test preparation guide has been fully revised for new 2022 exam objectives This fully revised and updated resource offers complete coverage of the latest release of CompTIA A exams 220 1101 220 1102 You ll find learning objectives at the beginning of each chapter exam tips practice exam questions and in depth explanations Designed to help you pass the CompTIA A exams with ease this definitive guide also serves as an essential on the job IT reference Covers all exam topics including how to Work with CPUs RAM BIOS motherboards power supplies and other personal computer components Install configure and maintain hard drives Manage input devices and removable media Set up upgrade and maintain Microsoft Windows Troubleshoot and fix computer problems Install printers and other peripherals Configure and secure mobile devices Connect to the Internet Set up wired and wireless networks Protect your personal computer and your network Implement virtualization and cloud based technologies Online content includes Practice exams for 1101 1102 with hundreds of questions One hour of video training from Mike Meyers TotalSim simulations of performance based questions A collection of Mike Meyers favorite shareware and freeware PC tools and utilities InfoWorld , 1992-06-29 InfoWorld is targeted to Senior IT professionals Content is segmented into Channels and Topic Centers InfoWorld also celebrates people companies and projects **Mike Meyers'**

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