

# Motherboard troubleshooting

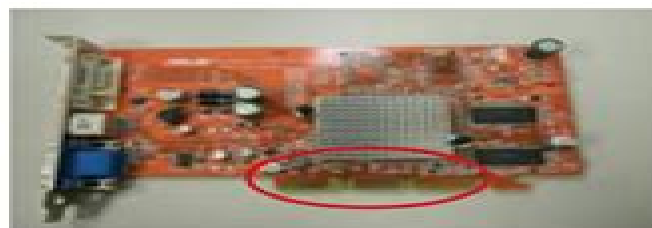
This guide provides some solutions to the problems you may encounter after assembling your PC. Try performing the suggested solutions before calling for technical support.

## Solutions to basic problems

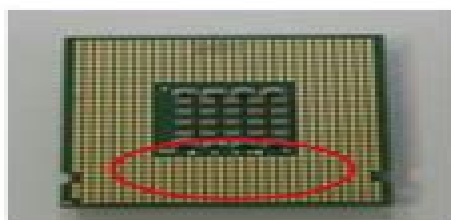
Many booting failures are caused by negligence in following simple procedures such as connecting cables or installing computer peripherals like graphic cards, memory modules, CPU, or heatsink fan assembly. This section provides basic tips on how to avoid these problems.

### Check connectors

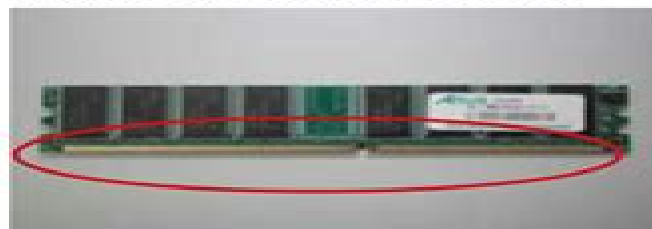
- Make sure there is no foreign material on the goldfingers or pins. See pictures 1, 2, 3, 4, and 5.
- Wipe the surface of the goldfingers with clean cloth or eraser.
- Make sure the pins on the IDE, CPU and onboard connectors are not bent. See pictures 4 and 5.



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, Travis A. Everett, Andrew  
Hutz**



## **Motherboard Troubleshooting Guide:**

**PC User's Troubleshooting Guide** TechRepublic, Incorporated, 2003-05      **Complete A+ Guide to IT Hardware and Software** Cheryl A. Schmidt, Christopher Lee, 2022-08-01 Master IT hardware and software installation configuration repair maintenance and troubleshooting and fully prepare for the CompTIA A Core 1 220 1101 and Core 2 220 1102 exams This is your all in one real world full color guide to connecting managing and troubleshooting modern devices and systems in authentic IT scenarios Its thorough instruction built on the CompTIA A Core 1 220 1101 and Core 2 220 1102 exam objectives includes coverage of Windows 11 Mac Linux Chrome OS Android iOS cloud based software mobile and IoT devices security Active Directory scripting and other modern techniques and best practices for IT management Award winning instructor Cheryl Schmidt also addresses widely used legacy technologies making this the definitive resource for mastering the tools and technologies you ll encounter in real IT and business environments Schmidt s emphasis on both technical and soft skills will help you rapidly become a well qualified professional and customer friendly technician Learn more quickly and thoroughly with these study and review tools Learning Objectives and chapter opening lists of CompTIA A Certification Exam Objectives make sure you know exactly what you ll be learning and you cover all you need to know Hundreds of photos figures and tables present information in a visually compelling full color design Practical Tech Tips provide real world IT tech support knowledge Soft Skills best practice advice and team building activities in every chapter cover key tools and skills for becoming a professional customer friendly technician Review Questions including true false multiple choice matching fill in the blank and open ended questions carefully assess your knowledge of each learning objective Thought provoking activities help students apply and reinforce chapter content and allow instructors to flip the classroom if they choose Key Terms identify exam words and phrases associated with each topic Detailed Glossary clearly defines every key term Dozens of Critical Thinking Activities take you beyond the facts to deeper understanding Chapter Summaries recap key concepts for more efficient studying Certification Exam Tips provide insight into the certification exam and preparation process Now available online for free the companion Lab Manual The companion Complete A Guide to IT Hardware and Software Lab Manual provides students hands on practice with various computer parts mobile devices wired networking wireless networking operating systems and security The 140 labs are designed in a step by step manner that allows students to experiment with various technologies and answer questions along the way to consider the steps being taken Some labs include challenge areas to further practice the new concepts The labs ensure students gain the experience and confidence required to succeed in industry      *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

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**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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needs Note CD ROM DVD and other supplementary materials are not included as part of eBook file *PC Troubleshooter Resource Guide* TechRepublic, Incorporated, 2004 **Complete CompTIA A+ Guide to IT Hardware and Software**

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**The Underground Guide to Troubleshooting PC Hardware** Alfred Poor, 1996 PC Magazine contributing editor Alfred Poor guides readers through preventive maintenance diagnosing the most common hardware problems and the most common upgrades and repairs users will want to perform on their systems Topics include installing multimedia components adding more RAM upgrading the processor and getting your hardware ready for Windows 95

Maximum PC, 2002-03 Maximum PC is the magazine that every computer fanatic PC gamer or content creator must read Each and every issue is packed with punishing product reviews insightful and innovative how to stories and the illuminating technical articles that enthusiasts crave

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