

RAM Replacement Task Completion

Condition

Upon experiencing significant performance degradation on my computer, characterized by sluggishness and frequent application crashes, I identified potential RAM-related issues.

Problem Statement

Inadequate RAM capacity and outdated memory modules were suspected to severely impact system performance, resulting in slow application response times and an inability to multitask effectively.

Actions Taken

1. Diagnosis:

- Utilized a system monitoring tool (Task Manager) to assess current RAM usage, confirming the need for an upgrade due to high utilization levels.

2. Compatibility Check:

- Reviewed the motherboard specifications to determine supported RAM types (DDR4) and maximum capacity, ensuring proper selection of new modules.

3. Procurement:

- Purchased compatible RAM modules based on my system's requirements, selecting high-performance options to enhance productivity.

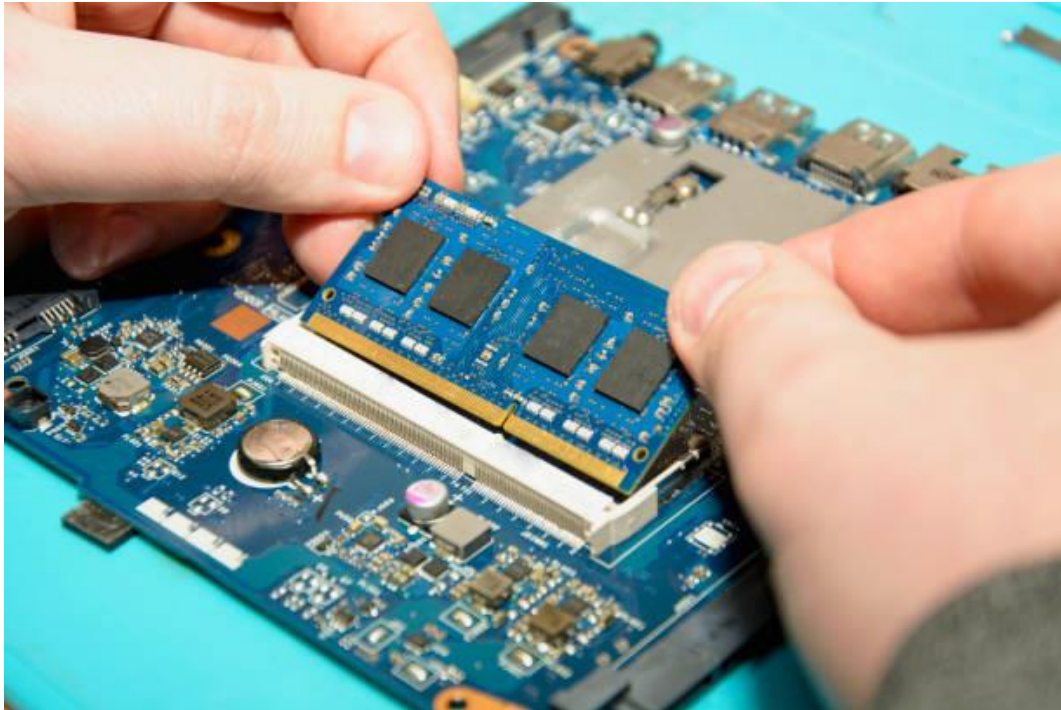
4. Installation:

- Powered off the computer and disconnected it from the power source.
- Opened the computer case and removed the existing RAM modules.
- Inserted the new RAM modules, ensuring they were securely seated in the slots.
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5. Performance Testing:

- Restarted the computer and monitored system performance, confirming that the RAM replacement resolved the initial performance issues.

Visual Representation



Conclusion

The RAM replacement task was completed, resulting in a significant improvement in system performance and stability. The upgraded RAM has enabled smoother multitasking and enhanced overall computing efficiency, leading to a more seamless user experience.