

How Much RAM Should I Allocate?

FAQ - How Much RAM Should I Allocate?

Q: How much RAM should I allocate to play on a server?

Modded servers often tell you how much RAM is needed for a smooth play through. We've compiled a list of our servers and their RAM recommendations [here](#). However, you can find a compact list below:

Tekkit SMP	3-5 GB recommended
Tekkit 2	3-5 GB recommended
The 1.12.2 Pack	5-8 GB recommended
RLCraft	2-5 GB recommended
ATM10 (All The Mods 10)	8-10 GB recommended
ATM10: To The Sky (ATM10:TTS)	6-8 GB recommended

Q: How do I know if I've not allocated enough RAM?

1. **Rubber-banding:** You walk forward, and the game teleports you back to your previous location repeatedly.
2. **Chunks Not Loading:** Nothing generating when walking into new areas.
3. **Stuttering and Lag Spikes:** The game freezes for ~2 seconds, usually every 30-60 seconds.
4. **Out of Memory Crash:** The game crashes entirely, showing an "Out of Memory" or "java.lang.OutOfMemoryError" error.
5. **Slow Inventory/GUI Interaction:** Opening chests, crafting tables, or JEI items takes several seconds to load.

This can be fixed by closing the game down, and going into the mod pack settings from your launcher and changing the allocated RAM to the recommended amount.

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