

13 Open-source Free Minecraft Servers And Server Manager Solutions

Minecraft is a popular sandbox that lets players design and create their own worlds. It is called "sandbox" because it provides an imaginative environment for players without a set of goals or missions.

The player is able to build or design, explore and interact within the vast world and environment.

Minecraft is dependent on servers owned by players or by companies. The Minecraft server allow players to connect to each other, play online or via local area networks.

Minecraft servers come in a variety of forms and functions, as well as licenses and costs.

Public Minecraft servers are often posted on Minecraft official forums.

In this article, we collected the best open-source, no-cost Minecraft server and server administrators for anyone who would like to own his own server.

Free, open-source Minecraft server and server panels

Glowstone; Glowstone is a free, open-source, cross platform lightweight Minecraft server written in Java programming language.

Glowstone supports all plugins that are natively developed for the Spigot, Paper, and Spigot APIs. Minestom; Minestom is a Minecraft server implementation which is totally free and open-source. Minestom is a user-friendly program that is full of documentation and code shortcuts. It supports blocks, entities and inventory.

Minestom is a modular system that allows developers to create their own extensions.

Minestom uses the Apache License V2.0 Open-source License

Cuberite; Cuberite, a simple, but powerfully adaptable Minecraft server is Cuberite. It supports Windows, Linux and macOS and Android, unlike most of the other Minecraft projects.

Cuberite offers a variety of demo servers that are available for free, as well as a well-documented get started guide.

PufferPanel: PufferPanel does not serve as a Minecraft server, but instead is a game sever management panel that offers full support for Minecraft and Spigot, Sponge and Forge.

PufferPanel was released under the Apache License 2.0

Fork Similar to PufferPanel Fork is a Minecraft server Manager GUI for graphical users. It offers a simple user interface that doesn't require any additional learning, plugins, multiserver/instance support and multiplatform support.

Crafty Controller; Yet another Minecraft server control system for gamers. It is coded with Python 3.7 and uses SQLite DB, and can be installed on Windows, macOS, and Linux.

Paper MC Paper is a no-cost Minecraft server software that is compatible with Spigot plugins. It offers seamless performance, a broader API and community support and seamless performance.

Bukkit; Bukkit allows developers to expand Minecraft multiplayer servers with open-source software.

Bukkit includes a vast base of third-party projects which include plugins, modules, and code small snippets.

Pterodactyl Panel; Pterodactyl Panel is a free, open-source game server management tool that can be used for games.

It uses the most current web technologies such as Go, PHP, and React. Pterodactyl Panel is a user-friendly system that comes with a responsive user interface, Docker support and scalable-ready architecture.

Gamocsm Gamocsm allows gamers to run their cloud Minecraft servers on hosting services such as DigitalOcean.

MultiMC; MultiMC is not a server or a server management tool, but it is worth mentioning here because it lets gamers run multiple, distinct instances of Minecraft and each of them comes with its own mods packs, mods, and resources.

MultiMC is available for Windows, macOS, and Linux (Debian, Arch, Ubuntu, Linux Mint).

MSM; MSM is a free, open-source, popular Minecraft Server Manager for admins as well as DevOps and gamers. It allows users to create WorldEdit compatible snapshots without breaking a sweat.

Schlagwetter; Schlagwetter is an open-source project designed to build an online server for Minecraft. It is not regularly updated like its rivals.

Wrapping up.

As our list draws to an end, we've listed the top open-source and cost-free Minecraft server and management panel projects. Let 30tt know if you have any other projects that meet our criteria.