PLAYER GUIDE · MODPACK 1.0.0

Frontier SMP

Modded survival on Minecraft 1.21.1. Build settlements, run Create factories, fly aircraft and trade.

SERVER ADDRESS

play.pancake.skylithosting.com

Java Edition 1.21.1 · NeoForge 21.1.265 · whitelist only

WEBSITE

pancake.skylithosting.com

MODPACK FOR PRISM

pancake.skylithosting.com/FrontierSMP.zip

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1 Server info

Hard survival with Keep Inventory off: when you die, you drop everything.

Minecraft **Java Edition 1.21.1**	Mod loader **NeoForge 21.1.265**	Difficulty **Hard survival**
Keep Inventory **OFF: you drop everything when you die**	Access **Whitelist only**	Online **24/7, apart from maintenance**

2 Install with Prism Launcher

The easiest way: one import installs Java, NeoForge, every mod and the server.

1 Install Prism Launcher

Download it from **prismlauncher.org** (Windows, macOS and Linux) and install it. It's free and open source, and it keeps modded instances separate from your normal Minecraft.

2 Sign in with your Microsoft account

At first start, Prism asks about Java: choose to let Prism **download Java automatically**. Then click **Accounts** → **Manage Accounts** → **Add Microsoft** and log in with the account that owns Minecraft Java Edition.

3 Import the modpack from the link

Click **Add Instance** → **Import**, paste this link and click OK:

```
https://pancake.skylithosting.com/FrontierSMP.zip
```

Prism sets up Minecraft 1.21.1, NeoForge 21.1.265, all mods, the shaders and the server for you.

4 Launch and join

Double-click **Frontier SMP**. The first start downloads Java 21 and NeoForge and takes a few minutes. Then go to **Multiplayer**, where **Frontier SMP** is already in your list. You need to be whitelisted first (see below).

RAM. The instance uses up to **6 GB RAM**. If your PC has 8 GB in total, lower it to 4 GB: right-click the instance → **Edit** → **Settings** → **Java** → **Maximum memory**.

Shaders. Shaders are **off** by default for the best FPS. Press `O` to open the shader menu (Complementary Reimagined is already selected) or `K` to switch shaders on and off. You need a decent graphics card for them.

3 Without Prism

Only if you want to use the official Minecraft launcher.

1. Install **Java 21** (for example Temurin 21 from adoptium.net).
2. Start Minecraft 1.21.1 once in the official launcher, then close it.
3. Download the **NeoForge 21.1.265** installer from neoforged.net, run it and choose **Install client**.
4. Download **FrontierSMP.zip** from the site and open it. Do **not** put the zip itself into your mods folder.
5. Press `Win` + `R`, type `%appdata%\.minecraft` and press Enter. Copy the zip's `minecraft/mods` folder into it, and `minecraft/shaderpacks` too if you want shaders. Remove any other mods from that folder.
6. In the launcher, pick the **neoforge-21.1.265** profile, give it 6 GB RAM (Installations → Edit → More options → `-Xmx6G`) and add the server `play.pancake.skylithosting.com`.

Then set the keybinds from section 5 yourself; the Prism pack already has them.

4 The mods

49 mods, grouped by what they add.

Create & machines

Build factories, trains, contraptions and automation.

Create
Gears, belts, mechanical presses, trains and moving contraptions. The heart of every factory.

Create: Copycats+
Blocks that copy any texture, for slopes, beams and detailed Create builds.

Design n' Decor
Industrial decoration in the Create style: catwalks, signs, lamps and more.

Aviation & travel

Fly between towns and build your own airports.

Immersive Aircraft
Rustic craftable planes, gyrodynes and airships for travel and transport.

Civilian Aviation
Modern, mostly civilian aircraft, plus parts to dress up your airport.

Waystones
Find and activate waystones, then teleport back to them later.

Xaero's Minimap
Minimap with waypoints, so you always know where you are.

Xaero's World Map
A fullscreen map that draws itself while you explore (M).

Building & decoration

Settlements, towns and interiors.

Macaw's Bridges, Doors, Furniture, Lights, Fences, Windows, Roofs
Seven packs of vanilla-style building blocks: bridges, doors, chairs and tables, lamps, fences, windows and roofs.

Handcrafted
Furniture: couches, tables, cupboards, shelves and more.

Chipped
Hundreds of extra variants of vanilla blocks.

FramedBlocks
Shapes (slopes, stairs, panels) that take the texture of any block.

Supplementaries
Vanilla+ blocks and items: jars, signposts, globes, the quiver and more.

Weather Glass
Rain, frost and sand show up on your windows.

Survival, food & economy

Farm, cook and trade.

Farmer's Delight
New crops, a cooking pot, a cutting board and proper meals.

Sophisticated Backpacks
Upgradable backpacks with pickup, magnet, crafting and more.

SkyFramework Shops
Player and admin shop blocks: sell for money or barter items.

FTB Ranks
Server ranks and permissions.

AppleSkin
Shows hunger, saturation and how much food restores.

Helpful interface

Information and controls.

Just Enough Items (JEI)
Look up any recipe (R) or what an item is used for (U).

Jade
Shows what you are looking at, with machine and block info.

Simple Voice Chat
Proximity voice chat: hear players near you (V).

Studious Keybinds
A visual keyboard editor that shows conflicting keys.

Just Zoom
Zoom with Z and a better spyglass.

Mouse Tweaks
Faster inventory sorting by dragging and scrolling.

Better Ping Display
Shows real ping numbers in the player list.

Resource Gamma Util
Brightness boost on H.

Performance & shaders

More FPS and less lag.

Sodium
A new rendering engine: much higher FPS.

Iris + Complementary Reimagined
Shader support with Complementary already included (off by default).

Lithium, ModernFix, FerriteCore
Faster game logic, faster startup and lower memory use.

EntityCulling
Skips drawing mobs and block entities you can't see. New in this pack.

ImmediatelyFast
Speeds up HUD, text and map rendering. New in this pack.

Dynamic FPS
Lowers FPS when Minecraft is in the background, so your PC stays cool. New in this pack.

Libraries

Needed by other mods. They add nothing by themselves.

Architectury, Athena, Balm, Konkrete, Moonlight Lib, Resourceful Lib, Sophisticated Core, FTB Library
Shared code for the mods above.

5 Keybinds

Some mods used the same key. The Prism pack already moves these. In **Options → Controls**, Studious Keybinds shows any double keys in red (tutorial: https://vm.tiktok.com/ZN8HxpRA6/).

Action	Default	In this pack	Why
Open backpack	B	B	unchanged
Xaero's: new waypoint	B	N	was the same key as backpack
Aircraft boost	B	J	was the same key as backpack
Just Zoom: options	B	*unbound*	open it from the mod list
Iris: reload shaders	R	*unbound*	R is aircraft dismount
Quiver: select arrow	V	I	V is voice chat
Xaero's: enlarge minimap	Z	*unbound*	Z is zoom

Handy keys

V	Voice chat menu (pick push-to-talk or voice activation)
B	Open the backpack you are wearing
Z	Zoom (scroll while zooming)
M Y U	World map / minimap settings / waypoints
N	New waypoint
G R J	Aircraft: landing gear / dismount / boost
Left Alt	Create toolbelt and tool menu
W (hovering an item)	Create Ponder: animated how-to
R U (in inventory)	JEI: recipes / uses of the item
O K	Shader menu / shaders on-off
H	Brightness boost (gamma) on/off

6 Before you join

- [ ] Get whitelisted: send the server owner your exact Minecraft Java username (@ them or DM them on Discord).
- [ ] Install with Prism (or the manual steps) and use exactly Minecraft 1.21.1 and NeoForge 21.1.265.

- [ ] Don't add other mods: a mod the server doesn't have can stop you from joining.
- [ ] Check your keybinds. Studious Keybinds marks conflicts in red (tutorial: https://vm.tiktok.com/ZN8HxpRA6/).
- [ ] Remember: Hard survival with Keep Inventory OFF. Keep valuables in chests.

What can you do?

Farm Grow crops and supply the community.	**Mine & trade** Find resources and sell them in player shops.	**Automate** Build Create factories and train networks.
Settle Design towns, settlements and industrial districts.	**Fly** Build aircraft and airports.	**Trade** Open a shop and grow the player economy.

7 Problems?

"Incompatible client" or "channel is missing"

You have a mod the server doesn't have, or the wrong NeoForge version. Re-import the pack from the link or remove the extra mod.

"You are not whitelisted"

Send the owner your exact username and wait until you are added.

The game crashes on start or is very slow

Check the RAM setting (4–6 GB) and update your graphics driver. In Prism, the Minecraft Log tab shows the error.

Low FPS

Turn shaders off (K) and lower the render distance to 8–10 in Video Settings.

No voice

Press V and check your microphone and speaker in the voice chat settings.

Still stuck? Ask in the Discord. See you in-game!