

This is the in-depth modlist, it will consist of the following;

- * Each section is categorized by a theme, such as Tech, Magic, etc.
- * Mod names are in bold, followed by a description of its purpose.
- * To find a section, go to it's line found below.
- * Any information may be outdated, if so, please contact x

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Tech;

These following mods consist of new, interesting technology.

Cobble For Days - Cobblestone generators, fancy models too

Compact Machines 4 - Compress an area into a single block, store your automation hidden from the world.x

Draconic Evolution - Dragons, energy, fusion crafting and more. Become invincible with draconic power.

Entangled - Entangle blocks within your world, import items across dimensions to one location.

Flux Networks - An amazing wireless power distribution system over a network. Insane speeds, insane power

Immersive Engineering - The industrial revolution is here! Engineer grinders, fermenters, engines and more

Industrial Foregoing - A huge mod with countless machines. Create a laser to mine ores from the void. Or murder innocent PINK slimes.

Integrated NBT - NBT functionality for integrated dynamics

IntegratedCrafting - Autocrafting! For integrated dynamics

IntegratedDynamics - Networks for automating anything and everything. Especially with the addons

IntegratedTerminals - Screens! For integrated dynamics

IntegratedTunnels - Fluids, items, energy. For Integrated dynamics

Mekanism - Tech galore, refine your ores over 4x! Or build a nuclear reactor, or even fusion!

Mekanism: Generators - From wind power, to solar, to giant turbines. Power your base with style

Mekanism: Tools - Paxels, armour and your usual tools. Break the world while showing off your glowing armour.

Mob Grinding Utils - Blow mobs into your grinding pit with fans, blend them with the mob grinder. Create the ultimate mob farm.

Pipez - Pipe your dreams, simple and efficient

Powah - Energize items into new powerful gems, ingots and more

ProjectRed Illumination - Decorative, redstone powered lighting

ProjectRed Integration - Redstone logic, compact your giant redstone circuits

ProjectRed Transmission - Redstone wiring, up here, down there, across the wall. Bundled too!

RFToolsBase - The base for all RFTools stuff. Smart wrench, machine infuser. Dimensional shards. Etc

RFToolsBuilder - A machine to build, or quarry, insane speeds. Especially if sped up ;p

RFToolsPower - Power generation! Charge your base from ender pearls.

RFToolsStorage - Store your stuff inside a network, link all your chests to one interface!

RFToolsUtility - Teleportation, speedy auto crafting and more.

Simply Jetpacks 2 - Tier based jetpacks. Fly, hover. Crash? :p

Tesseract - Transport fluids, items and power. Anywhere you want

Thermal Series - Power, resources, processing your materials since 1.5.2

Tinkers' Construct - Tools, smeltery, a metallurgic dream.

Xnet - Highly optimized network cables. Instantly transport items, fluids and energy. Even information!

Magic;

These following mods consist of the magic arts, otherworldly technology.

Blood Magic - Sacrifice your blood, summon enemies to gain power within. Rituals, blood power.

Botania - Pretty Flowers! Harness the energy of flowers, (Secretly a tech mod)

Lost Trinkets - Powerful items with amazing abilities. Tons of new, thrilling effects.

Nature;

From neon orange grass, to a whole new dimension of plants. All nature's wonders belong here.

Botany Pots - Grow crops within pots!

BotanyTrees - Grow trees within pots!

Cottonly - Cotton plants!

Flower Seeds - Seeds for all flowers.

Harvest - No more replanting, right click to harvest all your crops

JAGS - Grass seeds! Turn dirt into grass with a simple click of a seed

Mystical Agradditions - Tier 6 crops using the godly Insanium essence. Along with essence paxles of all tiers.

Mystical Agriculture - Grow your diamonds, grow your dirt? 150+ Resource crops, vanilla & modded.

Storage;

Store all your belongings with these mods.

Applied Energistics 2 - Digital storage! Store everything you have, all into disks.

EnderStorage - Color coded ender chests! Public your things, private your

things!

ExtraStorage - A refined storage addon, adding new higher tier crafters, advanced importer & exporters. And more!

Iron Chests - Iron, gold, diamond chests! Storage

Item Collectors - Collect items from here, from there. Into this, into that. Collect all the items!

Krate - Storage in crates! Up to a huge container for all your needs

Refined Storage Addons - Wireless crafting grid

Refined Storage: Requestify - Keep your network stocked, want 33 dirt always in your system? Get a requester!

RefinedStorage - Entangle your items within a digital network, similar to AE2. Some say better

Storage Drawers - Contain all your stuff, sort it all. Upgrade them, control them.

Decoration;

These mods are for your decorating needs.

BlockCarpentry - Customize your base to your liking, want a dirt textured slab? You got it, a wool door, bam.

Building Gadgets - Build your 9x9's in mere seconds, a gadget to help building your megastructure.

Charging Gadgets - Charge your items with FE.

Chisel - Chiseled blocks! Tons of new blocks for you to design your base with.

Chisels & bits - Tiny blocks, infinite detail. An amazing decoration mod.

Construction Wand

Glassential - More glass, fancy glass.

KleeSlabs - Allows you to break half a double slab

Macaw's Bridges - New fancy bridges

Macaw's Fences and Walls - Fences, walls, gates. Fit to vanilla's style

Macaw's Furniture - Store items within new furniture, decorate your house

Macaw's Paintings - 33 New paintings!

Macaw's Roofs - Fancy roof's, no need for stairs now

Macaw's Windows - See the world through various windows

MrCrayfish's Furniture Mod - All your furnature desires and more

Not Enough Wands - Various new utility wands. Swapping, accelerating, building and more.

Pane In The Glass - Edge aligned glass panes!

Portable Stonecutter - Stonecutting on the go

Simply Light - Simple light blocks. Full blocks, half blocks, quarter blocks. Etc

Structure Expansion - Increases the size limit of structure blocks.

Torchmaster - Add's a special torch that prevents mobs spawning. Along with a torch placing machine

World Generation;

These mods implements features within your world, from vastly different caves, to lootable ruins. To new mobs to challenge.

Aquafied - Replaces air between 0 and 48 with water in the end

Utility;

Akashic Tome - The only book you'll need, contains all mods books within, no need for 7 books when you have this tome.

Bad Wither No Cookie Reloaded - Localizes the wither and dragon death sound, no more blasting it to the whole server.

Chocolate Fix - Fixes many vanilla bugs

Clumps - Items, XP, grouped together. Prevents lag!

Configured - A brand new and fresh way to edit the configuration of mods

DeLogger - No more log spam!

Ding - Ding!! Goes the modpack when it's launched

Extended Crafting - New ways to craft items, handheld crafting table!

Extreme sound muffler - Hate the sheep sounds? Muffle it. Hate the sound of your teammate breaking dirt? Muffle it.

FastFurnace - Similar to fastworkbench, this optimizes furnace recipes.

FastLeafDecay - Leafs disappear quickly!

FastWorkbench - Optimizations for all crafting tables.

Ferrite Core - Memory optimizations! For client and server

Flat Bedrock - Simple as it sounds, flat bedrock

FTB Auxilium - Stats n stuff

FTB Backups - Backups your world. Save your land from griefers and more

FTB Chunks - Claim your land! Chunkload your land.

FTB Dripper - Drip water onto blocks to transform them

FTB Essentials - Many utility commands!

FTB Janitor - Pack dev stuff! Collection of mixin hacks, not for users

FTB Jars - A whole new crafting system based upon jars. Heat them up, cool them down

FTB Quests - An in-depth questing mod to guide you throughout the modpack.

FTB Ranks - Gives certain players different permissions, fancy names.

FTB Sluice - Gravel, dirt, sand and more. Sift it through some water or lava, gain resources!

FTB Structures - Custom structures around your world, structures designed by the modpack creator

FTB Team Islands - Creates an island at the center of each region for each FTB Team.

FTB Teams - Have your own team, team up with others to beat the pack within days.

FTB Ultimine - Mine multiple blocks at once! Multiple modes for you to choose your mining path.

GraveStone Mod - Death comes at a cost in vanilla. But with this all your items are safe within this grave block!

Item Filters - Adds filters for items

Item Recycler - Recycling saves the world! Turn junk into useful things. Works in real life too!

MineTogether - Enhanced server features, empower your community. Chunk pregen, global chats and more

MiniUtilities - Drums, cursed earth, tons of useful features. Inspired by Extra Utilities 1 & 2

More Dragon Eggs - Get a new dragon egg for each dragon you kill

Morpheus - No more does everyone have to sleep to skip to day. Configure it to be one player, 50% of players. All up to you

NBT Ingredient Predicate - Pack dev mod, create recipes with ingredients with NBT matching

RoadRunner - Config defined road blocks that alter your movement speed!

Squat Grow - Squat for growth. Work your thighs for them trees

TheObsidianBoat - Obsidian boats! Make your way across the nether without drowning in...lava. Also amazing in water!

Time in a bottle standalone - Accelerate anything and everything. Make nearly any machine instant.

Tool Kit - Useful commands and on-join message

Trash Cans - Trash all your stuff! Fluids, items, energy?!

TrashSlot - Trash your items within your inventory

WYML - Server performance mod

Client side;

Ambient sounds 4 - Listen to the new wonderful world, the ocean waves, the splashing of creepers coming to BLOW YOU UP RUN...

Back tools - Displays the last used tool on your back

Blur - Blurs your inventory background

Catalogue - Better mod list menu

Controlling - Adds a search bar to the controls menu!

Crafting Tweaks - Rotate, balance or clear the crafting grid with the press of a button.

Emojiful - Loads of emoji's in chat! :Weary:

IBICF - Move the Y level of clouds with a simple config option!

JEI Integration - Integrating many features into JEI. Burn time, durability and more

Just Enough Professions - Villager professions within JEI

Just Enough Resources - Want to know what this mob drops? Bam, want to know where this ore is found, bam.

Light Overlay - View the surrounding light level, know where mobs will spawn.

Mod Name Tooltip - Shows what mod an item is from when you hover over it!

Mouse Tweaks - Swiftly move your items around, holding shift and left click to move items in silky smooth style.

ReAuth - No more invalid session, log back into minecraft without restarting the pack.

Shutup Experimental Settings! - Removes the Experimental Settings prompt from world creation

Simple Discord Rich Presence - Tell discord what dimension you're in, what modpack you're on!

The One Probe - Know what block you're seeing!

TipTheScales - More options when adjusting the GUI Scale

Toast Control - Controls what toasts can pop up in the top right. IE, Diamonds!

TOP Addons - Mod support for The One Probe

Misc;

AttributeFix - Significantly increases attribute caps

Better diving - An overhaul of vanilla's diving system, modeled on the game Subnautica

Dimensional Paintings - Jump into paintings right into the dragons mouth, or into a hellish world

Hats - Wear all the hats, throw hats at others using a cannon, hats!!!

OpenBlocks Elevator - Woosh goes the elevator from openblocks!

Seed Drop - Make anything drop from grass with a simple config

ServerConfig Updater - Allow's packdevs to update ServerConfigs

Small Ships - Vanilla friendly ships.

Spawner Bug Fix - Fixes spawner lag from the MC-189565 bug

Cores, API's and libraries;
Everything listed here are used by other mods. Libraries, useful code for modders.

Most of these don't need a description.

AI Improvements

AppleSkin

Architecture - Not a building mod, Direwolf..

AutoRegLib

Bookshelf

CBMultiPart - An open source library for having small parts inside blocks

Cloth Config v4 API

CodeChicken Lib 1.8.+

CoFH Core

Common Capabilities

ConnectedTexturesMod

CreativeCore

Cucumber Library

Curios API - Curios API is an expandable accessory/equipment API for developers.

Cyclops Core

FTB Library

iChunUtil

KubeJS

KubeJS Blood Magic

KubeJS Immersive Engineering

KubeJS Mekanism

KubeJS Thermal

KubeJS Tinkers

KubeJS UI

Lemon Lib

Lollipop

Mantle

McJtyLib

Patchouli - Modders and pack creators can create amazing books full of features.

Based off of botania's lexica botania.

ProjectRed Core

Rhino - Javascript in java!

Scorge

SuperMartijn642's Config Lib

SuperMartijn642's Core Lib

Titanium