CUSTOM FIRMWARE FOR BITMAIN ANTMINER

Up to +30% hashrate from the same device

Free download. Installed in minutes. Rollback at any time. Your Antminer can do more - our firmware unlocks it

26.4%
of the global mining firmware market runs on VNISH*

47
Antminer models in the catalog

2017
the firmware has been in development since

*Cambridge 2025: firmware share among surveyed participants, weighted by hashrate

壁 THE PROBLEM 02

Your Antminer doesn't work for you. It works for the factory settings

A profile “for everyone at once”

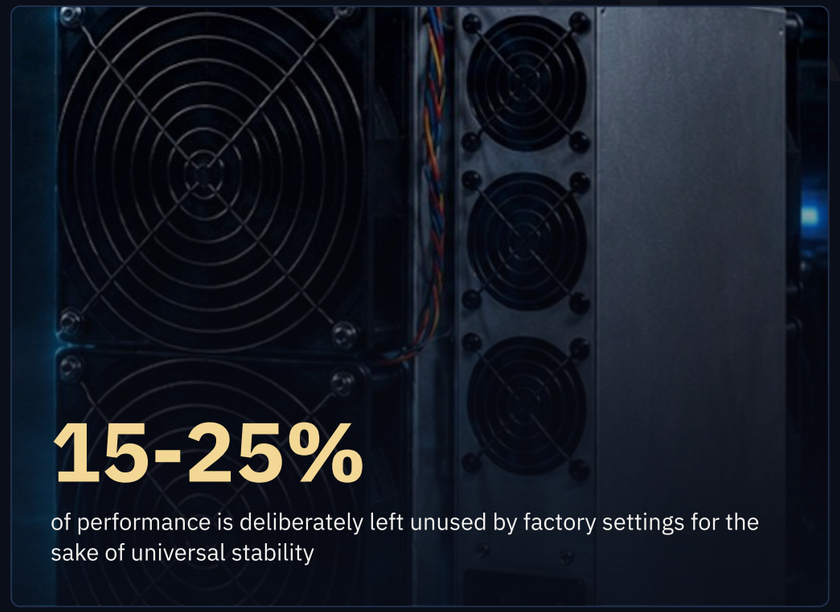
The manufacturer tunes the device universally: your power rate, climate and goals are not in those settings.

Reserve instead of earnings

The factory deliberately understates performance for stability in any conditions - and you already paid for that reserve at purchase.

2026 doesn't forgive

Block rewards shrank, difficulty keeps rising, power keeps getting pricier: every joule counts.



15-25%

of performance is deliberately left unused by factory settings for the sake of universal stability

技 THE SOLUTION 03

VNISH firmware changes the device's economics in minutes

CHEAP ELECTRICITY

Overclock

more mining from the same device: autotune claims the reserve the manufacturer left “just in case”

EXPENSIVE ELECTRICITY

Efficiency

every paid kilowatt-hour brings more mining: earnings grow exactly where the rate bites

Free. Download and run with no upfront payments

In minutes. Installed over the network, no site visit

Reversible. Back to factory firmware at any time

力 THE RESULT 04

What the device gains after flashing

up to +30%

Hashrate above the factory level

Verified by autotune on real devices: the gain depends on model, cooling and power limit.

Watchdog

Auto-recovery after failures

The device puts itself back to work after power and network outages: less downtime, more mining.

Rollback

A way back in every package

Back to factory firmware at any time: the experiment doesn't tie you down.

No promises “in a vacuum”: the exact effect for your device is shown by a pilot on that very device - free and reversible

証 PROOF 05

About us

10 languages
the install wizard and support speak yours

24/7
live support with no bots and no ticket queues

air · hydro
plus immersion: builds for every cooling type

2025
Blockchain Life: the product earned industry recognition

機 DEVICES 06

There's a build for every miner model

S21
air · hydro · immersion: the flagship series of the current generation

S21+
including hydro: the refreshed line with improved efficiency

S21 Pro
including Pro+: top chips, maximum autotune potential

S21 XP
hydro · immersion: the big devices for serious facilities

L7
Scrypt · LTC+DOGE: the workhorse of altcoin mining

L9
next-generation Scrypt: fresh builds ship fast

Full catalog on vnish.ninja: S21, T21, S19, L7 and L9 series on four control board types - every device has its own verified file

Pick your device - the dojo assembles the rest

Model, board, method: the answer is an exact build, a checksum and a way back

MODEL → BOARD → METHOD → FILE → VERIFY → INSTALL

FIRMWARE DOJO · SAMPLE ROUTE — STABLE

MODEL	BOARD
Antminer S21 Pro	AML
METHOD	**ROLLBACK**
NAND · over the network	included

A checksum ships with every build
verify it before installing - one minute that protects the device

步 INSTALLATION 08

Download, verify, install - fully remote

1

Find your model

Type in the device's name - get the exact build for your boards.

2

Follow the route

The install wizard leads step by step, in your language.

3

Verify and tune

Checksum first, autotune second. Rollback is always included.

No technical skills? **Not a problem:** the wizard guides every step, and live support picks up if anything goes sideways

COCKPIT 09

Inside - a universal, intuitive dashboard

All familiar

Telemetry, autotune, pools, rollback: a dashboard miners recognize at first glance.

All honest

Readings depend on route, power limit and cooling: we show the working baseline, not marketing peaks.

All under control

Every board and every chip in plain sight: autotune starts with a button, presets switch without stopping the device.

術 TECHNIQUES 10

Six techniques. Each is a firmware feature

SILENT FLASH

Silent flashing

Network installation in minutes: no SD card, no physical touch for most boards

BOARD SIGHT

Reading the device's mind

Exact control board detection: AML, XIL, CV or BB - each has its own file

CHECKSUM CUT

Testing the blade

File integrity check before flashing: the checksum is matched against the manifest

THERMAL SHADOW

Moving in shadow

Thermal control and autotune: chips stay in the safe zone through heat and frost

ONE-MINER KATA

Pilot device kata

Test before fleet rollout: the tools clone settings overnight

RECOVERY GATE

The recovery gate

Rollback to factory firmware at any time: the way back ships in every package

組 SCALE 11

A fleet rolls out overnight

THE PILOT DEVICE

Solo miner

The wizard leads you by the hand in your language: model, board, file, verify, install.

DOZENS OF DEVICES

Small farm

Full catalog: every device has its own verified route and its own file for the exact board.

HUNDREDS OF DEVICES

Fleet

Deployment tools clone settings overnight: by morning every rack is in formation.

The same discipline at any scale: file verification, a pilot, an escape route

夜 MISSIONS 12

Real devices. Real practice. Every week

Short videos: real Antminers being repaired, tuned and verified. Watch, then take the same build for yourself

MISSION · NIGHT SHIFT
A locked hall, a quiet exit: the firmware was in place before dawn

MISSION · LABORATORY
Every build passes the test bench before it goes to people

MISSION · PROOF
Verified in front of the viewer: only the numbers remain

MISSION · COCKPIT
Real-time telemetry: the route responds to every gesture

TikTok · Instagram · YouTube: **a new mission every week.**

絆 SUPPORT 13

Behind the mask are real people. They answer in your language

No bots and no ticket queues: model questions, fleet calculations, installation help

INSTALLATION

We see you through to the result

The wizard guides you step by step, and if anything goes wrong, a human steps in and gets the device running.

CALCULATION

We'll run your fleet's numbers

We'll help estimate the effect for your rate and your devices before you install anything.

SPEED

We answer fast

Questions don't hang for days: the answer comes to the point, in the language you asked in.

Everything in one place: catalog, install wizard, guides and support - right on vnish.ninja

道 THE LAST RULE 14

Check the blade before the strike. The checksum of the gain - before flashing

Download · Verify · Install. The device does the rest itself

vnish.ninja · LinkedIn: **VNISH Ninja**

VNISH NINJA

This material is for information only and is not an offer or financial advice. Performance figures are estimates: results depend on route, power limit, cooling and external conditions.