



CUSTOM FIRMWARE FOR BITMAIN ANTMINER

Up to **+30% hashrate** from the same machine

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*

45

Antminer models in the catalog

2017

the firmware has been in development since

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

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

A profile “for everyone at once”

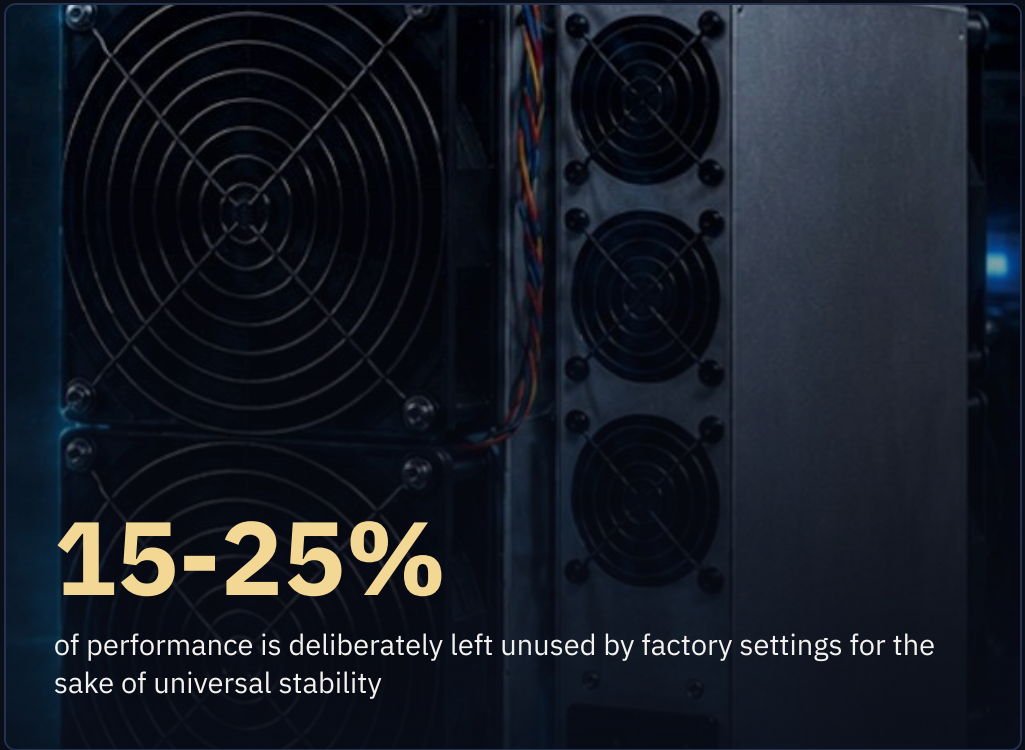
The manufacturer tunes the machine universally: your power rate, climate and goals are not in those settings.

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.

A close-up photograph of an Antminer cryptocurrency mining device. The image shows several large, circular cooling fans with metal grilles, arranged in a vertical stack. The device is dark-colored, and some internal components and wiring are visible. The lighting is dim, highlighting the texture of the fans and the metallic parts.

15-25%

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



VNISH firmware changes the machine's economics **in minutes**

CHEAP ELECTRICITY

Overclock

more mining from the same machine:
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 trip to
the rack

Reversible. Back to factory firmware at any time



What the machine gains after flashing

up to +30%

Hashrate above the factory level

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

Watchdog

Auto-recovery after failures

The machine 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 machine is shown by a pilot on that very machine - free and reversible



The mask is on the face. **Not on the numbers**

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

The machines on camera are real, the geometry is exact. **So is every build:** we show an honest working baseline, not marketing peaks



No one has seen his face. The whole hall saw his work

BLOCKCHAIN LIFE 2025 · MINING TECHNOLOGY OF THE YEAR



There's a build for every machine in your rack

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 machines for serious facilities

L7

Script · LTC+DOGE: the workhorse of altcoin mining

L9

next-generation Script: fresh builds ship fast

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



Pick your machine - 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

Antminer S21 Pro

BOARD

AML

METHOD

NAND · over the network

ROLLBACK

included

A checksum ships with every build

verify it before installing - one minute that protects the machine





Download, verify, install - **no trip to the rack**



1

Find your model

Type in the machine'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



Inside is a standard dashboard. No retraining needed

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 machine.





Three rules that save miners money

一

A blade is checked twice. So is every build

Checksum before flashing: match it against the manifest - fakes are weeded out before they touch the machine

二

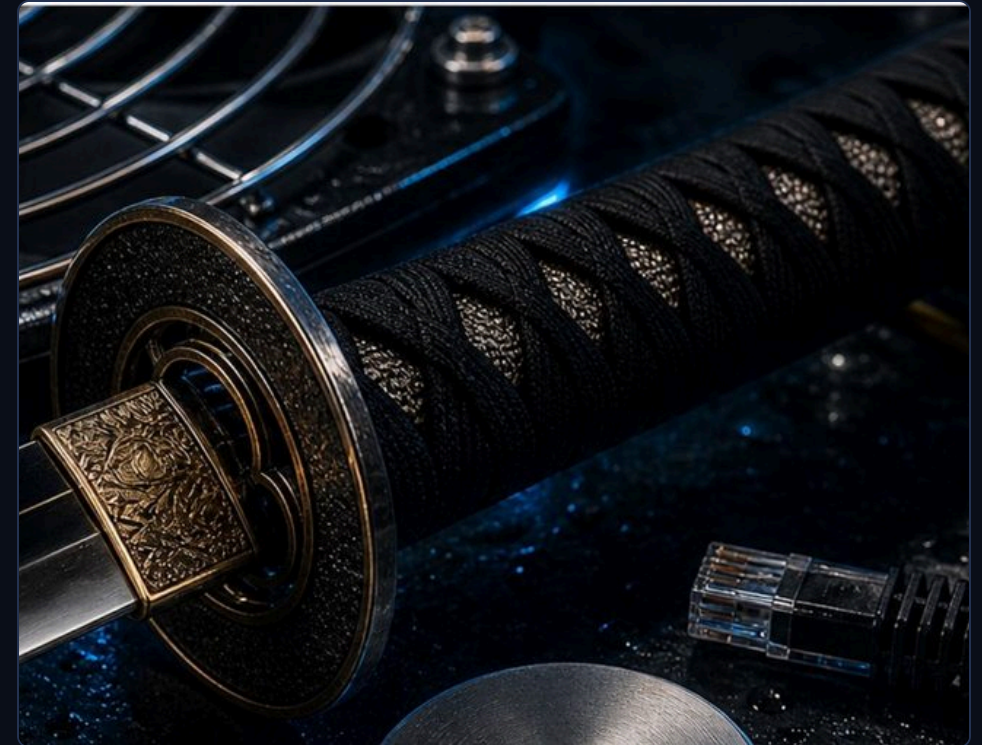
Kata on the pilot machine first. Then on the fleet

Install, watch the numbers for a day, then roll out to all: pilot discipline is cheaper than any mistake

三

The escape route is prepared before entering

Rollback ships in every package: the machine returns to factory firmware at any time, without a trace





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 machine'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 machine 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

A fleet rolls out **overnight**



THE PILOT MACHINE

Solo miner

The wizard leads you by the hand in your language: model, board, file, verify, install.
No guessing, no soldering.

DOZENS OF MACHINES

Small farm

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

HUNDREDS OF MACHINES

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



Real machines. Real repairs. **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.** The face is never shown. The skills are



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 machine running.

CALCULATION

We'll run your fleet's numbers

We'll help estimate the effect for your rate and your machines 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



THE LAST RULE 15

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

Download · Verify · Install. The machine 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. The hero is a fictional media character