
VA-Forge

AI compute in a miner's form factor.

An AI server in the form factor of an ASIC miner - eight NVIDIA GPUs (RTX 6000 Blackwell class) inside - so bitcoin mining datacenters can stand up AI capacity in days, without rebuilding the building.

IN DEVELOPMENT - PRE-ORDER & INVEST OPEN



vanafter.eu/forge

THE SHIFT

Bitcoin miners are becoming AI hosts.

Over the past decade, miners built what the AI boom suddenly prizes: gigawatts of energized, reliable, often cheap power - with halls, racks, grid connections and 24/7 operating teams attached.

The migration has already started. Bitdeer alone holds a 3+ GW global energy portfolio but serves only ~200 MW of AI today. Core Scientific, Hut 8, Hive and others are converting capacity in the same direction - because an AI megawatt earns multiples of a mining megawatt.

3+ GW

one mining company's energy portfolio (Bitdeer)

~200 MW

of it serving AI today - the gap is the opportunity

24/7

operating teams and grid connections already in place

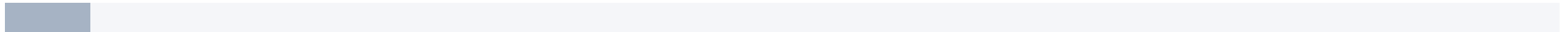
THE PROBLEM

Rebuilding for AI costs 15-20x the site's own buildout.

A mining megawatt is cheap to energize. An AI megawatt is not - UPS, generators, redundant precision cooling, raised floors and 19-inch infrastructure that mining halls were deliberately built without.

Mining buildout per MW

\$0.5-0.7M



AI greenfield per MW

\$8-10M



Result: operators with energized sites face a brutal choice - stay out of AI, or spend hyperscaler money. VA-Forge removes that choice.

THE INSIGHT

The power is already there. Only the building is wrong.

What actually costs \$8-10M per MW is not the power - it is the redundancy wrapped around the building: UPS rooms, generator farms, redundant chillers, dual distribution paths.

VA-Forge inverts the model: instead of adapting the building to the server, we adapt the server to the building. The redundancy the site lacks moves INTO the machine - dual power supplies on separate PDUs, redundant fans, dual-homed networking. If one path fails, the machine keeps running, even in a hall never built for AI.

Convert a few racks - not the datacenter. A 10 MW site keeps 8 MW hashing and dedicates 2 MW to AI, in the same hall, on the same PDUs.

AI's bottleneck isn't the chip - it's the power to run it.

Demand for AI compute is outgrowing the rate at which datacenters can be built. The scarce resource is not silicon - it is energized, affordable power with a grid connection, cooling and a building. Mining sites already have exactly that, at gigawatt scale.

VA-Forge packs eight professional NVIDIA GPUs - RTX 6000 Blackwell class - into a chassis that drops straight into those sites. One machine delivers datacenter-grade training and inference without pouring a single new foundation.

For Europe: existing sites - often on cheap or surplus power - become sovereign AI capacity, run in the EU under EU law. No hyperscaler dependence, no multi-year wait for new halls.

THE PRODUCT

A full server in the form factor of an ASIC miner.

FORM FACTOR

ASIC-miner footprint - fits existing miner shelving, racks and airflow

PLATFORM

2x AMD EPYC 9005 - up to 768 GB DDR5 ECC - NVMe SSD

REDUNDANCY

Dual PSUs on separate PDUs - redundant fans - dual 10/25G networking

COMPUTE

8x NVIDIA RTX 6000 Blackwell - 96 GB VRAM each

POWER

~5 kW nominal (or ~3.5 kW with Max-Q cards) at 200-240 V

OPERATION

Air-cooled, dust-tolerant, designed for mining-datacenter environments

Pre-orders open: server case EUR 2,000 - full 8-GPU server EUR 170,000 (ex. VAT).

From hashboards to AI in days, not years.

01 - Pick the racks

Audit a few rack rows: circuits, PDUs, network path. No structural work, no permits, no construction.

02 - Swap the shelves

Miners out, VA-Forge units in. Same slots, same power envelope, same airflow direction.

03 - Serve AI

Run your own workloads, rent capacity out, or both. The mining next to it keeps hashing.

Time-to-revenue is the moat: weeks per rack group vs. 1-3 years for an AI greenfield build.

TRACTION

Already running in a real mining datacenter.

Two VA-Forge units are running today, in testing, at a Bitcoin mining datacenter in Slovakia operated by Minero.sk - exactly the kind of energized site VA-Forge is built for. Founder Maros Kancir runs the site, around 120 ASIC miners.

2

VA-Forge units live, in testing

~120

ASIC miners on the same site

EU

designed, built & operated

THE MARKET

One percent of one miner is a business.

Bitdeer alone: 3+ GW of energy portfolio. Capturing just 1% of that single company means 30 MW of VA-Forge deployments - roughly 8,500 machines at ~3.5 kW each. And Bitdeer is one of dozens of comparable operators worldwide.

Mining infrastructure

\$0.5-0.7M / MW - no redundancy, no AI

VA-Forge retrofit

Existing hall + machines - redundancy in the box

Hyperscale AI datacenter

\$8-10M / MW - for workloads that demand site-level SLAs

VA-Forge does not compete with hyperscale - it unlocks the tier below it.

Hardware first. Recurring layers on top.

1 - Hardware sales

Server case EUR 2,000, full 8-GPU server EUR 170,000. Sold outright, EU-built, invoice + bank transfer. Pre-orders open now.

2 - Conversion kits & integration

Rack audits, PDU mapping, network design and on-site deployment support per converted rack group.

3 - Managed layer & marketplace

Optional: orchestration, monitoring, and renting idle capacity through GPU marketplaces - the same buy-to-rent model VANAFter already operates on Vast.ai today.

We already build and run AI infrastructure.

VANAFTER (TOMAR Group s.r.o.) designs, assembles and operates sovereign 8-GPU AI servers in the EU, with live datacenters in Munich, Brno and Kosice - including a budget site purpose-run for GPU marketplace rental. We know both worlds VA-Forge bridges: lean, mining-style hosting and production AI hosting.

Now

Pre-orders & investment open; 2 units in testing at a partner mining site

Next

Hardening the design: thermals, dust and redundancy at scale

Then

Pilot: a full converted rack group with a launch partner

Scale

First production run - priority to pre-order & investment partners

Pre-order, or back the build.

Reserve a server case at EUR 2,000, pre-order a full 8-GPU server, or talk to us about investing in the first production run. No payment until units ship.

Pre-order VA-Forge

vanafter.eu/forge/preorder

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VANAFTER - TOMAR Group s.r.o. - Built in the EU