PYRAS

A Marketplace For Compute Power

Problem

Accessing a GPU is time consuming and expensive

r/MachineLearning • 1 yr. ago
UrbanSuburbaKnight

[D] Why is it so hard to rent GPU time?

Discussion

I'm just a new guy, so take it easy please :) - Is it just because I'm just signing up for the cloud compute services? Will this get easier?

I have a 3090 so I can do quite a bit in my home office, but my clients need some larger models now, and I've been trying to pay for instances with an A100 at least. It's been really a lot of push-back...is this normal? What can I do to get access to larger GPUs sooner?

I have tried paperspace, aws, googlecloud, llambda, linode...would love to know some other services or tools you folks use to get work done.

Thank you for your time. Interested to hear how you spin up high VRAM environments for projects.

46 | 80 | Share

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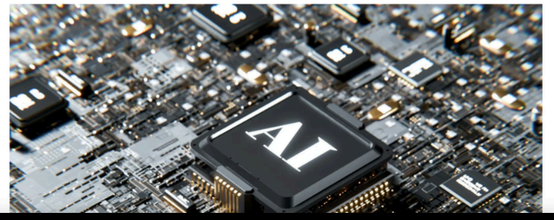
BUSINESS · STARTUPS

Amid an A.I. Chip Shortage, the GPU Rental Market Is Booming

For many organizations aspiring to develop A.I. projects, GPU-as-a-service provides a cost-effective way to access high-performance chips.

By Aaron Mok · 10/23/24 4:35pm



Spheron Follow

Why You Should Rent GPUs Rather Than Buy?

r/googlecloud • 3 yr. ago
carlosccextractor

T4 not available anywhere

I'm trying to provision a VM in Google Cloud - but in every region that claims to have T4, I get this error:

Operation type [insert] failed with message "The zone 'projects/fair-yew-336216/zones/europe-west1-b' does not have enough resources available to fulfill the request. Try a different zone, or try again later."

Apparently there's no way to say "give me a server with these specs *anywhere*" and you have to try in each region/zone.

Also, it doesn't say what resources are not available. I guess it's the GPU but I have no way of knowing (I think).

I've been trying for a couple of days. I'm tired already of the crap.

Any suggestion?

15 | 24 | Share

Solution

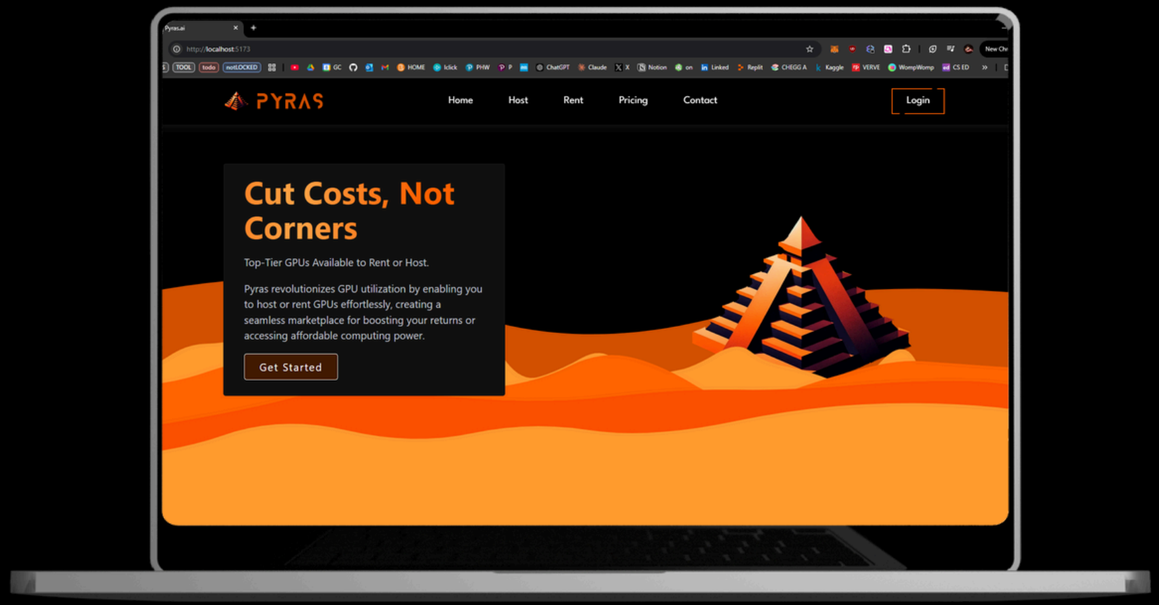
The “Airbnb” for GPUs

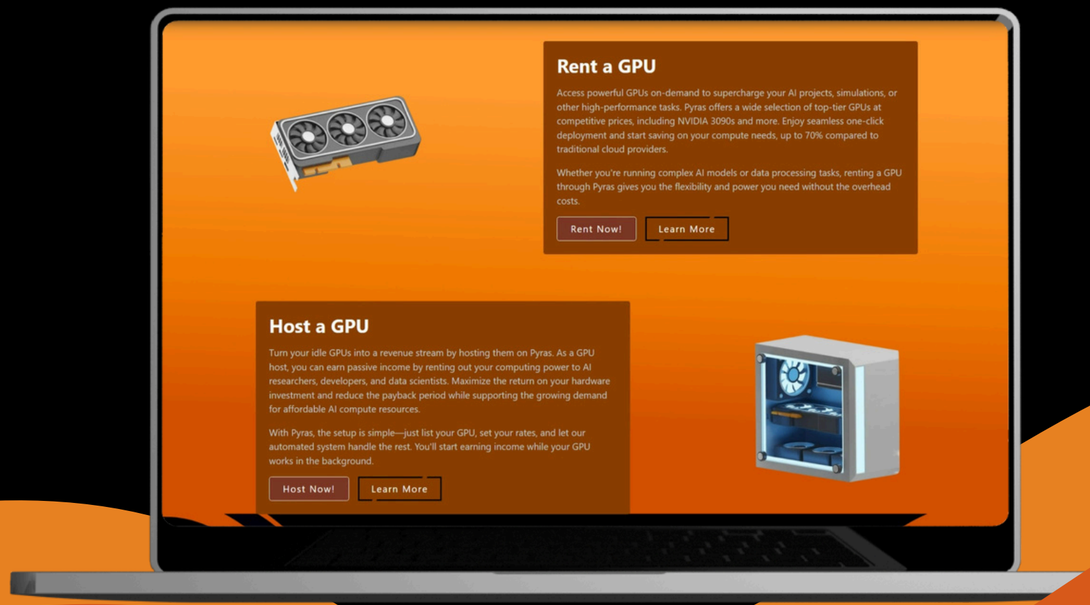
Hosting

- List your hardware
- Set your rates
- Earn with Pyras

Renting

- Quickly access what you need
- No hoops to jump through
- Affordable for any budget





Competition

Pyras outperforms competitiors in multiple categories

Features	Pyras	AWS/Google Cloud	Vast.ai
Deployment Method	User friendly VM setup and container support	Required advanced cloud setup	Docker container
Billing/Pricing	Pay-as-you-go with dynamic pricing algorithm	Pay-as-you-go; Higher hourly costs	Pay-as-you-go, per server portion
Predictable Billing	Transparent, cost effective pricing model	High cost and fluctuating charges	None
End User	Hobbyists, small businesses, and researchers	Large enterprise and cloude savvy developers	Tech savvy users
Security and Privacy	Encrypted connections, secure workload isolation	Enterprise grade-security	Limited privacy and encryption

Business Model

Monetizing GPU power with security and transparency

- Containers or VMs to securely isolate workloads on GPUs
- Sets up encrypted connections
- Take 20% of the host's earnings on rental transactions

11c/hr
Price Set by Host
x
50hrs
Renter Usetime
= **$5.50** Total x **20%** Pyras Cut : **$4.40** Host Revenue **$1.10** Pyras Revenue

Go To Market

How we plan to use our funds and what our future looks like

Phase 1

Develop Software and Pilot Launch

Q4 2025

Most Time

Phase 2

Niche Community Launch

Q1 2026

Phase 3

Scale to Startups and Small Businesses

Q3 2026

Majority Funds

Phase 4

Global Scale and Enterprise

2027+

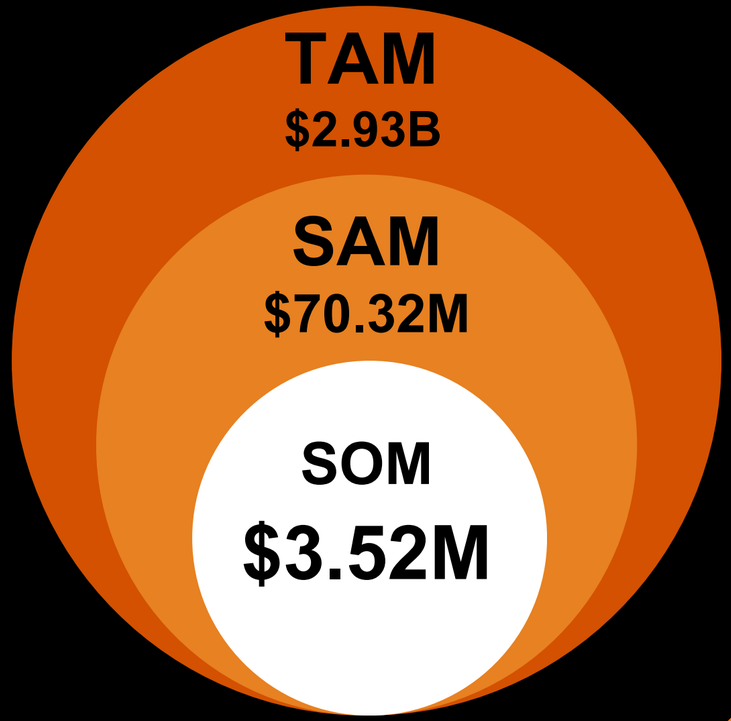
Financials and Market

Pyras’s positive future outlook

TAM, SAM, SOM

Assuming 10% SOM: $352,000

Total Initial Startup Cost (estimate): ~$10K



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