

BITTENSOR SUBNET

# QUANTA

A Decentralized Stock Picking Competition

Built on Bittensor | Crypto + Stocks | Real Rewards

THE PROBLEM

# Great Stock Pickers **Exist Everywhere**

But there's no way to prove it—or profit from it



## No Verifiable Track Record

Anyone can claim to be a great trader. Screenshots can be faked. There's no trustworthy system to prove skill over time.



## Competitions Reward Luck

Trading competitions favor high-risk gamblers who get lucky once. Consistent performers lose to volatility chasers.



## Wall Street Gatekeeping

Talented individuals need hedge fund jobs to monetize skill. The barriers: credentials, connections, capital.



## 74-89% Lose Money

Not because retail lacks talent—but because the infrastructure rewards the wrong behaviors.

THE ORIGINAL PROOF OF CONCEPT

# The Stock Market Game

Remember playing this in school? Same concept—but with real money

## The School Version

Virtual \$100K to invest

Pick stocks, track performance

Teacher grades you on returns

Winner gets... bragging rights

Fun, but no real stakes



## QUANTA Version

Submit daily stock picks

Validators score risk-adjusted returns

Network consensus determines winners

Winners earn TAO cryptocurrency

Same game, real rewards

**Key Insight:** The stock market game taught millions how markets work. QUANTA turns that same intuition into a decentralized prediction market where anyone can participate and earn.

MARKET VALIDATION

# Similar Platforms **Prove the Model**

Prediction markets and crowdsourced intelligence are booming

## Numerai

CROWDSOURCED HEDGE FUND

**\$550M** AUM **25%** 2024 Returns

**10K+** Data Scientists

Aggregates ML predictions on obfuscated data. Proves crowdsourced alpha works.

**QUANTA difference:** Real stock picks, not obfuscated data. Lower barrier—no ML required.

## Polymarket

PREDICTION MARKET

**\$1B+** Volume **Events** Binary **1M+** Users

Bet on event outcomes (elections, sports). High volume proves demand for prediction markets.

**QUANTA difference:** Continuous stock portfolios, not one-time event bets.

## Kalshi

CFTC-REGULATED EXCHANGE

**Legal** U.S. Trading **Events** Economic

**Growing** Fast

Regulated event contracts (inflation, Fed rates). Shows regulatory path exists.

**QUANTA difference:** Decentralized, global, portfolio-based.

## Taoshi (SN8)

BITTENSOR SUBNET

**#1** dTAO Subnet **Crypto** Trading

**Proven** Model

Crowdsourced crypto trading signals on Bittensor. Top subnet by market cap.

**QUANTA difference:** U.S. equities (10x larger market), portfolio-based, risk-adjusted scoring.

THE SOLUTION

# QUANTA: The Stock Signal Network

A decentralized competition where anyone can submit stock picks and earn rewards



## Submit Portfolios

Pick your best stocks daily. Long, short, or both. Any allocation you want.



## Risk-Adjusted Scoring

Not just returns—Sharpe ratio, drawdown, consistency. Rewards skill, not gambling.



## Earn TAO Rewards

Top performers earn cryptocurrency. Everyone who contributes gets something.



## Decentralized

No single company controls it. Validators run the network. Transparent and trustless.

## The Meta-Signal

When hundreds of independent traders submit picks, their combined intelligence creates a **meta-signal**—more accurate than any individual. This aggregated signal is the network's real product, valuable to institutional investors.

SIMPLE FLOW

# How QUANTA Works

From stock pick to payout in 4 steps

1



## Submit Portfolio

Pick stocks you think will perform well. Set allocations. Submit before the deadline.

*Example: "50% AAPL, 30% NVDA, 20% short TSLA"*

2



## Market Opens

Your picks are locked. Real market data determines performance over the epoch.

*Rolling 24-hour epochs*

3



## Validators Score

Network validators calculate risk-adjusted returns. Sharpe, Sortino, max drawdown.

*Not just "did it go up?"—"how smart was the bet?"*

4



## Earn Rewards

Top performers get the biggest share. Even middle-tier contributors earn something.

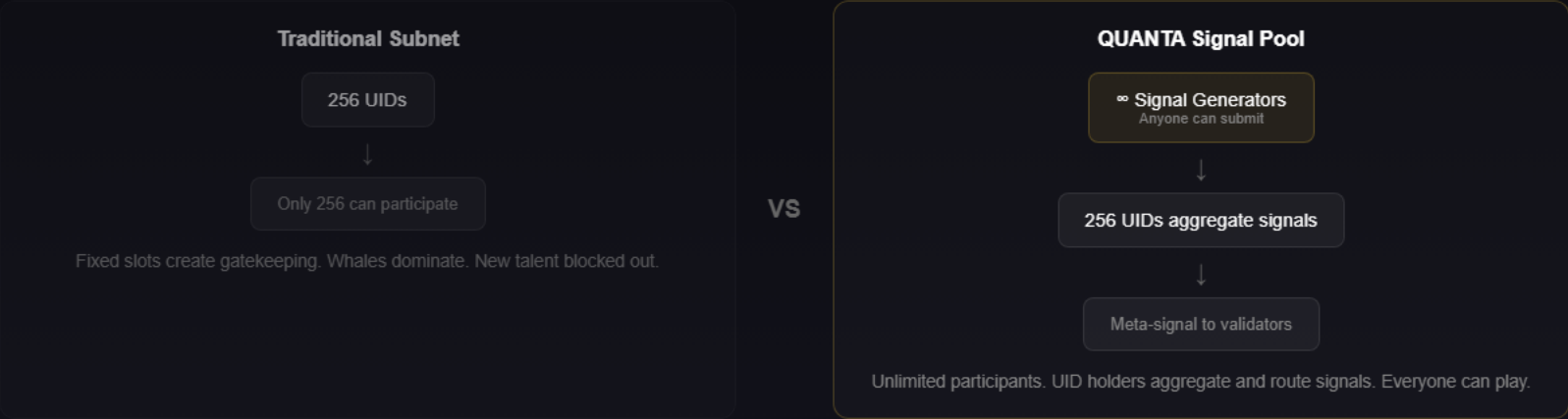
*TAO paid automatically on-chain*

**No actual trading required.** You're not buying stocks—you're submitting predictions. The network pays you for accurate forecasts.

UNLIMITED PARTICIPATION

# The Signal Pool

Bittensor has 256 UID slots. QUANTA has infinite capacity.



## Three Ways to Participate



**Solo Miner**

Hold a UID directly. Submit your own signals. Keep 100% of rewards.



**Pool Participant**

Submit through a pool operator. Lower barrier, shared rewards.



**Pool Operator**

Run a pool. Aggregate signals from many. Earn fees.

DUAL REVENUE MODEL

# Competition + Emissions

Two reward layers that keep the network sustainable



## Competition Pot

**Performance rewards:** Winners take from losers.

Top performers get the biggest share

Middle-tier get smaller rewards

Poor performers lose their ante

**Why it matters:** Creates real stakes. Skin in the game.

+



## TAO Emissions

**Infrastructure rewards:** Everyone doing work gets paid.

41%

Validators

Run nodes, fetch prices, score

41%

Miners

Diverse signals, long tail

18%

Subnet Owner

Sustainable development

**Why it matters:** Keeps the long tail engaged. Network depth.

**Key Insight:** Prize-pool-only models create death spirals (winners stay, losers leave, network thins). Emissions keep infrastructure running and maintain signal diversity—hundreds of diverse signals make the meta-signal valuable.



## WHY A BITTENSOR SUBNET?

# Decentralized Infrastructure

Why not just build a centralized platform?

### ✗ Centralized Approach

- ✗ Single point of failure
- ✗ Trust the company
- ✗ They can change rules
- ✗ KYC/compliance barriers
- ✗ Geographic restrictions
- ✗ Can shut down anytime

### ✓ Bittensor Subnet

- ✓ Distributed validators
- ✓ Trustless consensus
- ✓ Code is law
- ✓ Pseudonymous participation
- ✓ Global access
- ✓ Immutable, runs forever

## What Bittensor Provides



### TAO Economy

Built-in cryptocurrency with real value. No need to bootstrap a token.



### Consensus Layer

Validators agree on scores. No single arbiter. Byzantine fault tolerant.



### Emission Schedule

Predictable rewards. Subnet incentive alignment. dTAO economics.



### Network Effects

Part of broader Bittensor ecosystem. Cross-subnet composability.

WHO CAN PARTICIPATE?

# From Casual to Pro

QUANTA welcomes all skill levels and approaches



## Discretionary Traders

Human judgment. Read the news, follow trends, trust your gut.

Day traders

Stock pickers

News traders

Compute: None needed



## Systematic Quants

Algorithmic strategies. Backtest, optimize, automate.

Factor models

Statistical arbitrage

ML pipelines

Compute: Low to high



## AI/ML Engineers

Deep learning, LLMs, reinforcement learning agents.

Transformer models

RL agents

LLM analysis

Compute: High



## Pool Operators

Aggregate signals from communities. Run competitions within competitions.

Discord servers

Trading communities

Signal aggregators

Compute: Varies

## Multiple Interfaces



Web App



Mobile



CLI



API



Spreadsheet



Discord Bot

DEVELOPMENT PATH

# Roadmap to Launch

Phased rollout with testnet validation



## Phase 1: Foundation

- Core scoring engine
- Signal Pool architecture
- Validator consensus protocol
- Anti-gaming detection



## Phase 2: Testnet

- Closed testnet with validators
- Scoring calibration
- Economic parameter tuning
- Web interface beta



## Phase 3: Mainnet Launch

- Bittensor mainnet deployment
- Public Signal Pool
- Mobile app launch
- Pool operator onboarding



## Phase 4: Scale

- Institutional API
- Cross-subnet integration
- International markets
- Meta-signal monetization

THE OPPORTUNITY

# QUANTA

A decentralized stock picking competition where anyone can prove their skill and earn real rewards

- ✓ **\$45T market** — U.S. equities, the world's largest
- ✓ **Proven model** — Numerai, Polymarket, Taoshi validate demand
- ✓ **Signal Pool** — Unlimited participants, not just 256
- ✓ **Dual revenue** — Competition + emissions = sustainable
- ✓ **Bittensor native** — Decentralized, trustless, global

**The stock market game for the crypto age.**

Prove your skill. Earn TAO. Join the network.

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