

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.

Polymarket

PREDICTION MARKET

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

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

Kalshi

CFTC-REGULATED EXCHANGE

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

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

Taoshi (SN8)

BITTENSOR SUBNET

#1 dTAO Subnet **Crypto** Trading**Proven** Model

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

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

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

QUANTA difference: Decentralized, global, portfolio-based.

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

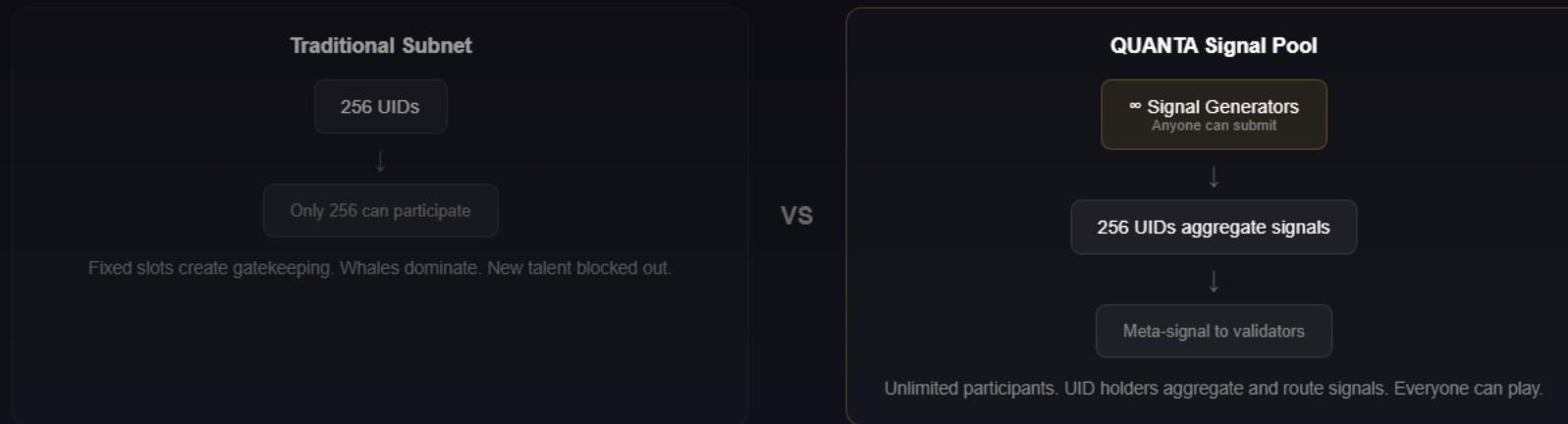


No actual trading required. You're not buying stocks—you're submitting predictions. The network pays you for accurate forecasts.

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 composable.

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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