MCP SERVER | NO CODE | CLOUD HOSTED

Coinbase MCP for AI Agents

Track real-time crypto buy/sell prices and exchange rates.

Coinbase connects your AI agents to real-time cryptocurrency market data, allowing you to check prices and exchange rates for major assets like BTC, ETH, and SOL conversationally. You get current buy/sell spreads, mid-market spot values, and comprehensive fiat currency conversion without needing a complex API key setup.

A+ Quality Score 100/100

cryptocurrency | spot-price | exchange-rates | market-data | trading-pairs

MAINTAINED BY VINKIUS CLOUD FOR AI AGENTS · JUNE 2026
vinkius.com/mcp/coinbase

SCAN TO VIEW

The connectivity layer between AI and the world's software.

Vinkius sits between AI and every application. All communication passes through Vinkius Cloud via the Model Context Protocol (MCP) — with governance, observability, and security at every layer.

Your AI Connections Run Through Vinkius Cloud

The world's largest managed MCP catalog

Vinkius is the connectivity layer where AI connects to the software your business already runs. We handle the hosting, the security, the credentials, the uptime — you get agents that actually do things.

We operate the world's largest managed MCP catalog. Major SaaS platforms, CRMs, databases, and cloud providers — running, monitored, production-ready. This MCP server is hosted and maintained by the Vinkius Cloud for AI Agents.

> *The agent doesn't manage credentials, doesn't manage uptime, doesn't manage security. Vinkius does.*
>
> — Architecture principle

Four Pillars of the Vinkius Runtime

01 — Security by design

Credentials stay encrypted at rest via AES-256. The AI agent never touches raw keys — they're injected into a sandboxed V8 isolate at runtime. Actions are logged, and connections have an emergency kill switch.

02 — Built on MCP Fusion

This MCP server was built with **MCP Fusion**, the open-source framework (Apache 2.0) that powers the entire Vinkius catalog. Schema-as-firewall strips undeclared fields, compiled PII redaction runs at zero overhead, and cryptographic lockfiles produce git-diffable audit trails.

03 — Deterministic observability

Eight immutable metrics per endpoint: request volume, p95 latency, error rate, active connections, cost attribution. A live payload feed logs every tool call with mutation detection.

04 — Autonomous operations

Servers are deployed, monitored, and patched autonomously. New capabilities and security patches ship weekly. Zero-downtime deployments ensure continuous availability across all managed MCP servers.

AES-256	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	Sandboxed execution

One Token. Instant Access.

Every MCP server on Vinkius is accessed through a **Connection Token**. Tokens are generated in the cloud dashboard and produce a unique MCP endpoint URL. Paste this URL into any MCP-compatible client — no SDK required.

A single token can serve **multiple AI clients simultaneously**, or you can issue separate tokens per client for granular access control. Each token tracks its own request count, last activity timestamp, and can be individually enabled or revoked.

MCP ENDPOINT

```
https://edge.vinkius.com/{token}/mcp
```

Claude · Cursor · VS Code · Windsurf · Grok · Gemini

Security Is the Architecture

Security in Vinkius is not a feature — it's the foundation of the runtime. The gateway enforces multiple independent protection layers between AI agents and third-party APIs.

01 — Ed25519 PKI Vault

Every workspace has an Ed25519 Master Key. Session keys are generated ephemerally (24h TTL) and signed by the Master Key. Credentials never leave the vault boundary.

02 — V8 Isolate Sandboxing

Tool code runs inside isolated-vm V8 isolates with 64 MB memory caps and per-request timeouts. No filesystem access, no network access except through the SSRF-guarded fetch bridge.

03 — SSRF Guard

All outbound HTTP requests are DNS-resolved and validated before execution. Private IP ranges (10.x, 172.16-31.x, 192.168.x, AWS metadata 169.254.x) are blocked at the network layer.

04 — DLP & PII Redaction

A ResponseGuard pipeline intercepts every tool response. Configurable redaction patterns strip sensitive fields (emails, SSNs, card numbers) before data reaches the AI agent.

05 — Cryptographic Audit Trail

Every request is signed into a SHA-256 hash chain with Ed25519 signatures. Events form a tamper-proof, SIEM-exportable forensic record.

06 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken is used outside Vinkius infrastructure, the server is quarantined instantly.

Emergency Kill Switch

EU AI Act Art. 14(1) Compliant

The kill switch is an **emergency halt** mechanism — not a simple toggle. When triggered, it executes three actions atomically:

01 — Server deactivated

The MCP server is immediately taken offline across the entire cluster.

02 — All tokens revoked

Every connection token is invalidated. Total lockout — reconnection blocked until new tokens are issued.

03 — WebSocket connections killed

Active connections terminated via Redis pubsub broadcast. Propagates to every runtime node in the cluster.

Full Visibility. Zero Guesswork.

The Vinkius cloud dashboard includes a full MCP Governance suite — real-time analytics and security controls for production AI operations.

Control Plane

KPI dashboard with request volume, latency, success rate, token consumption, and AI-generated operational briefings.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

Incident Log

Error trends, failure rates, status-code breakdowns, and forensic audit trail access.

> Get started at **cloud.vinkius.com** — connect your AI agent in under 60 seconds.

Coinbase MCP

8 tools available
Cloud-hosted on Vinkius

This MCP gives your AI agent direct access to live cryptocurrency pricing from Coinbase. Instead of navigating multiple websites or setting up complicated API calls, you simply ask your client for the current market status on any pair. You can get real-time buy and sell prices—including the fees that hit you—or pull the mid-market spot price if you need historical context. Need to convert fiat currency? It handles exchange rates too. This means whether you're a trader checking spreads or a developer pulling data into an app, the information is there, ready for your agent to process. Vinkius hosts this MCP so you connect once and get access to reliable market data across multiple tools.

Core Capabilities

01 — Check immediate buy/sell prices

Get the total cost of buying or selling a specific cryptocurrency pair, including current fees.

02 — Determine mid-market spot pricing

Retrieve the clean, average price for a crypto asset at any given time, supporting historical date lookups.

03 — Analyze multiple assets together

Compare the buy, sell, and spot prices of several different cryptocurrency pairs in one single request.

04 — Convert between currencies

Fetch current exchange rates for both crypto-to-fiat and fiat-to-crypto conversions.

05 — View account payment options

List available bank accounts, debit cards, and other verified payment methods tied to your Coinbase profile.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/coinbase** — connect your AI agent in three steps.

01 Subscribe to this MCP in Vinkius and connect it to your preferred AI client.

02 Your agent uses the connection to pull public market data, meaning you don't need to manage any API keys for standard pricing lookups.

03 You simply ask your agent a natural language question, like 'What was BTC's spot price on Jan 1st?' and it returns structured, real-time results.

The bottom line is that you get live, reliable crypto market data through simple conversation, turning complex API calls into basic chat prompts.

Built For

This MCP is for anyone whose job requires constant monitoring of volatile financial markets. If you spend time checking multiple exchange sites for spreads or tracking historical rates, this saves hours of manual cross-referencing.

Quantitative Trader

You use it to compare real-time buy/sell spreads across several pairs before making a trade decision.

Financial Analyst

You run historical price checks, comparing current rates against benchmarks from past dates for quarterly reports.

FinTech Developer

You integrate the market data into applications or dashboards by having your agent pull specific pricing feeds to validate logic.

What Changes When You Connect

01 Check immediate market spreads: Use the `get_buy_price` or `get_sell_price` tools to see exactly what you pay versus what you receive, including fees.

02 Compare multiple assets instantly: The `get_public_prices` tool lets your agent pull data for BTC, ETH, and SOL all at once, saving manual lookups.

03 Historical rate analysis: Need to know the price of a pair on Jan 1st? Use `get_spot_price` for reliable historical market context.

04 Currency flexibility: The `get_exchange_rates` tool handles conversions between any crypto and fiat currency you need.

05 Full payment visibility: Quickly check your linked bank accounts and debit cards using `get_payment_methods`, all within the same conversational flow.

Real-World Applications

Comparing buy vs. sell spreads

A trader needs to know if a spread is wide today. They ask their agent for both `get_buy_price` and `get_sell_price` on ETH-USD, allowing them to see the exact cost difference before committing funds.

Calculating portfolio value over time

An analyst needs to prove market growth. They use `get_spot_price` with a date parameter (e.g., 2023-01-01) to find the historical price of BTC, then compare it to today's spot rate.

Cross-currency conversion validation

A user needs to know how much fiat currency they will get for a mix of crypto assets. They use `get_exchange_rates` first, then combine that information with multiple pairs using `get_public_prices`.

Verifying account liquidity

A developer building an expense tracker needs to know the available payment options for a user. They call `get_payment_methods` to pull details on linked cards and bank accounts.

Patterns to Avoid

Treating crypto data like simple stock quotes

✗ AVOID

Assuming the listed price is always the final transaction cost. This ignores critical factors like buy/sell spreads or immediate fees, leading to bad assumptions.

✓ INSTEAD

Don't just read a single price point. Use specific tools: check both `get_buy_price` and `get_sell_price` to see the full financial spread before calculating anything.

Forgetting historical context

✗ AVOID

Comparing today's price directly to a vague 'average' rate without knowing when that average was established, leading to inaccurate change calculations.

✓ INSTEAD

Always use `get_spot_price` and include the date parameter (YYYY-MM-DD) if you need historical data for accurate comparison.

Using one tool for everything

✗ AVOID

Trying to convert currency using a general rate without knowing which assets are involved, leading to ambiguity in the final value.

✓ INSTEAD

Start with `get_exchange_rates` to lock down the conversion factor, then use that result when analyzing multi-asset pairs via `get_public_prices`.

The Right Fit

Use this MCP if your process requires constant access to live cryptocurrency pricing data. Specifically, if you need to compare buy vs. sell spreads or run historical spot checks, this is the tool for you. Don't use it if you are only tracking general market sentiment; this is a data retrieval mechanism, not an opinion generator. If your goal is purely about creating complex trading strategies that require external economic models, you might need specialized modeling tools rather than just price feeds.

Coinbase MCP for AI Agents: Tracking Real-Time Crypto Spreads

Manually checking crypto prices is a nightmare. You jump between Coinbase's Buy page, the Sell page, and then maybe an external chart just to find the mid-market price. Copying those three different numbers into a spreadsheet takes time, and you always worry if the spread data is current.

With this MCP, your agent handles it all. Just ask for the buy and sell prices on BTC-USD, and you get the full picture—the exact spread you're dealing with—without opening a single tab or copy/pasting anything.

Coinbase MCP for AI Agents: Calculating Historical Market Value

If you need to calculate how much an asset was worth six months ago, you usually have to find a dedicated historical data portal and manually input the date. This process is slow and often requires separate account access just for old data.

Now, simply ask your agent what the spot price was on a specific date using `get_spot_price`. It pulls that precise number directly into your workflow, giving you immediate context for change analysis.

8 Tools in the Coinbase MCP for Cryptocurrency Pricing

Use these tools to retrieve specific financial data points like current fees, spot prices, historical rates, and payment methods across multiple crypto assets.

#	TOOL	DESCRIPTION
01	get_buy_price	Calculates the total price you pay today to buy a cryptocurrency pair, including all fees.
02	get_currencies	Retrieves a full list of every supported cryptocurrency and fiat currency code available in the system.
03	get_exchange_rates	Provides current conversion rates between any two specified crypto or fiat currencies.
04	get_payment_methods	Returns a list detailing your linked bank accounts, debit cards, and payment limits.
05	get_public_prices	Quickly fetches the buy, sell, and spot prices for multiple crypto pairs in a single call.
06	get_sell_price	Calculates the total amount you receive when selling a cryptocurrency pair today, including all associated fees.
07	get_spot_price	Gets the mid-market price of a crypto asset, allowing you to check current or historical prices by date.
08	get_time	Returns the current server time for synchronizing data requests and verifying connectivity.

See It in Action

Real prompts you can use once this MCP is connected to your AI agent through Vinkius Cloud.

U What's the current buy and sell spread for SOL?

SOL-USD Pricing:

- **Buy Price (Total):** $185.50
- **Sell Price (Total):** $183.20
- **Spread:** $2.30 (This is your immediate margin.)

U Compare the spot price of BTC, ETH, and ADA right now.

Market Spot Snapshot:

ASSET	SYMBOL	SPOT PRICE
Bitcoin	BTC-USD	$104,070.00
Ethereum	ETH-USD	$3,245.00
Cardano	ADA-USD	$0.48

Prices are mid-market and real-time.

U What was the spot price of Ethereum on October 15th?

ETH-USD Spot Price Report

- **Target Date:** 2024-10-15
- **Spot Price:** $2,890.00
- **Current Price:** $3,245.00
- **Change Since Target:** +11.9% (Great performance since that date.)

Frequently Asked Questions

01 **How does the Coinbase MCP help me compare crypto prices?**

You can ask your agent to pull data for multiple assets at once. Instead of looking up BTC, ETH, and SOL separately, you get a single report showing their buy, sell, and spot prices together.

02 **Do I need an API key to use the Coinbase MCP for AI agents?**

No. For basic public price data—like current buy/sell rates and exchange conversions—you don't need an API key, making it easy to set up in your agent.

03 **Can I use the Coinbase MCP for historical pricing?**

Yes. You can check the spot price for any major pair on a specific date by providing the year, month, and day, giving you deep market context beyond just today's rates.

04 **What if I need to convert between fiat currencies using this MCP?**

The Coinbase MCP handles that. You can ask it for current exchange rates between two fiat currencies or mix them with crypto, getting an accurate conversion factor instantly.

05 **Is the data from the Coinbase MCP reliable enough for trading decisions?**

It provides real-time buy and sell prices directly from Coinbase. Always use this data as a key input for your models, but remember to cross-reference with other sources before executing trades.

06 **How do I check my payment options using the MCP?**

You can ask the agent to list all available payment methods linked to your account. This quickly shows you verified bank accounts and debit cards, which is useful for linking payments in a workflow.

Go Live in 60 Seconds

Get your connection token from **cloud.vinkius.com**, then paste the endpoint URL into any MCP-compatible client.

YOUR MCP ENDPOINT

```
https://edge.vinkius.com/[TOKEN]/mcp
```

CLIENT	WHERE TO CONFIGURE
Claude AI	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
Cursor	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
VS Code	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add `"coinbase": { "url": "…" }`
Windsurf	MCP Settings → `mcp_settings.json` → Add endpoint URL
ChatGPT	Settings → Tools & plugins → Add MCP server → Paste endpoint
Gemini	Extensions → Add MCP Server → Paste endpoint URL

ASK AN AI ABOUT THIS

Let your preferred AI explain this MCP server

- Ask ChatGPT
- Ask Claude
- Ask Perplexity
- Ask Gemini
- Ask Grok

READY TO CONNECT

Coinbase is live on Vinkius Cloud.

Get your connection token, paste it into your AI agent, and start building. No SDK. No deployment. Just results.

Start at cloud.vinkius.com →

vinkius.com · support@vinkius.com

INDEPENDENT PLATFORM DISCLAIMER

Vinkius is an independent platform and is not affiliated with, endorsed by, sponsored by, verified by, or otherwise authorized by Coinbase. All third-party trademarks, logos, and brand names are the property of their respective owners. Their use in this document is strictly for informational purposes to identify service compatibility and interoperability.

DOCUMENT INFORMATION

Generated	June 2026
MCP Server	Coinbase MCP
Server ID	`019d8428-62f4-72b9-82ca-9a590f134b82`
Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

LICENSE & USAGE

This document is generated automatically by the Vinkius PDF Engine. Content reflects the MCP server configuration at the time of generation and may change as updates are deployed. For the most current information, visit vinkius.com/mcp/coinbase.