

# China's Opportunity in the 2026 Global Computing Power Crisis

From China to the World: Building the World's Most Cost-Effective  
Cross-Border Token Service Network

## **INDUSTRY INSIGHTS**

**Global Cross-Border Token  
Service  
Industry Whitepaper**

## **STRATEGIC VISION**

**Green Energy + Token:  
An International Computing  
Power Operator's Perspective**

## **CORE PROJECT**

**The China Computing Power  
Export Super Node Project**

# Preface: To Our Esteemed Chinese Partners



## Global Expertise

We are an international team with deep expertise in global cloud computing and AI infrastructure, bridging East and West.



## Tokenized Proposition

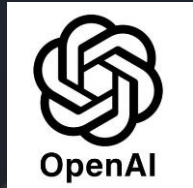
Package China's ultra-low-cost green energy and idle GPU computing power from central/western regions into standardized "Tokens".



## High-Premium Export

Leverage our global sales network to export these tokens at a high premium to the high-cost markets of North America, Europe and APAC.

# 2026: Computing Power – The New Strategic Resource, Scarcer Than Oil



## THE ARMS RACE

OpenAI, Microsoft, Google, and Amazon are investing hundreds of billions of dollars to lock in future computing capacity.

## DUAL OVERSEAS CRISIS

Behind this global scramble lies a dual crisis in overseas markets: “runaway prices” for compute power and “dwindling supply” to meet surging demand.

## A GRAND CHINESE INITIATIVE

This is more than arbitrage: it is a transformative project to convert China’s abundant, “curtailed” wind and solar energy into high-value, global digital exports.

# Prepared by: AGI International Computing Power Operations Group



## Global AI Infrastructure Enterprise

A multinational entity specializing in global AI infrastructure deployment, cross-border computing power orchestration, and the provision of secure, reliable international cloud services.



## 8+ Years of Global Deep Operation

With an established footprint across North America, Europe, the Middle East, and Southeast Asia, we bring unparalleled regional expertise and operational depth.



## Trusted by Hundreds of Global Clients

Our diverse clientele includes leading global AI firms, cutting-edge research institutions, and Fortune 500 technology conglomerates.



## Comprehensive Core Capabilities

Complete overseas sales channels | Bilateral compliance frameworks | Low-latency cross-border transmission | Token standardization protocols.

# The Global Computing Power Landscape

## 1.1 The Dawn of AI Inference: Exponential Global Token Demand Growth



### The Transition Point

2026 marks the full transition from AI model training to large-scale commercial inference deployment.



### Widespread AI Adoption

Widespread adoption of AI Agents, multimodal LLMs, vertical industry AI, and automated services.



### Exponential Growth

Global Token consumption is experiencing exponential, year-on-year growth. Inference compute is the core, rigid production factor of the digital economy.

# Key Characteristics of the Token Service Provider Market

**01**

## Demand Explosion

Global compute demand growth >**300%** annually. Chronic supply-demand imbalance, driven by AI and digital economy expansion.

**02**

## Soaring Costs

Skyrocketing self-build costs (hardware, power, operations) for overseas firms, exacerbated by export controls and supply chain bottlenecks.

**03**

## Paradigm Shift

Standardized Token API services are becoming the primary choice for overseas SMEs and startups seeking flexible, cost-effective solutions.

**04**

## Strategic Asset

Computing power is now recognized as a strategic national resource, essential for competitiveness in the global digital economy landscape.

# Token: The Universal "Language" of Standardized Compute



## Universal Compute Currency

The Token, as a standardized unit of compute, has become the universal currency for global cross-border compute trade.



## Unified & Automated

Enables unified pricing, automated billing, and on-demand usage across hardware, regions, and networks.



## Global Scalability

This makes the business model of "Aggregating China's Compute, Selling Globally On-Demand" viable at scale.

# Part 2: Computing Power's "Darkest Hour": Overseas Market Pain



*"We can afford it, but we refuse to pay for exorbitant power costs and hardware premiums."*

— A common sentiment among overseas AI startup CEOs.

## The Cost Bottleneck

Having operated overseas for years, we've witnessed AI compute costs escalate from being merely **"expensive"** to financially **"prohibitive"** for many startups.

Today, compute cost is no longer just a concern—it has solidified as the **primary bottleneck** stifling innovation and scaling ambitions.



# 2.1 Soaring Energy Costs & Prohibitive Compute Pricing



North America (H100 Lease)

~ **\$2.35** / hour



North America (Next-Gen GPU Lease)

~ **\$4.08** / hour



North America (AWS/Azure On-Demand)

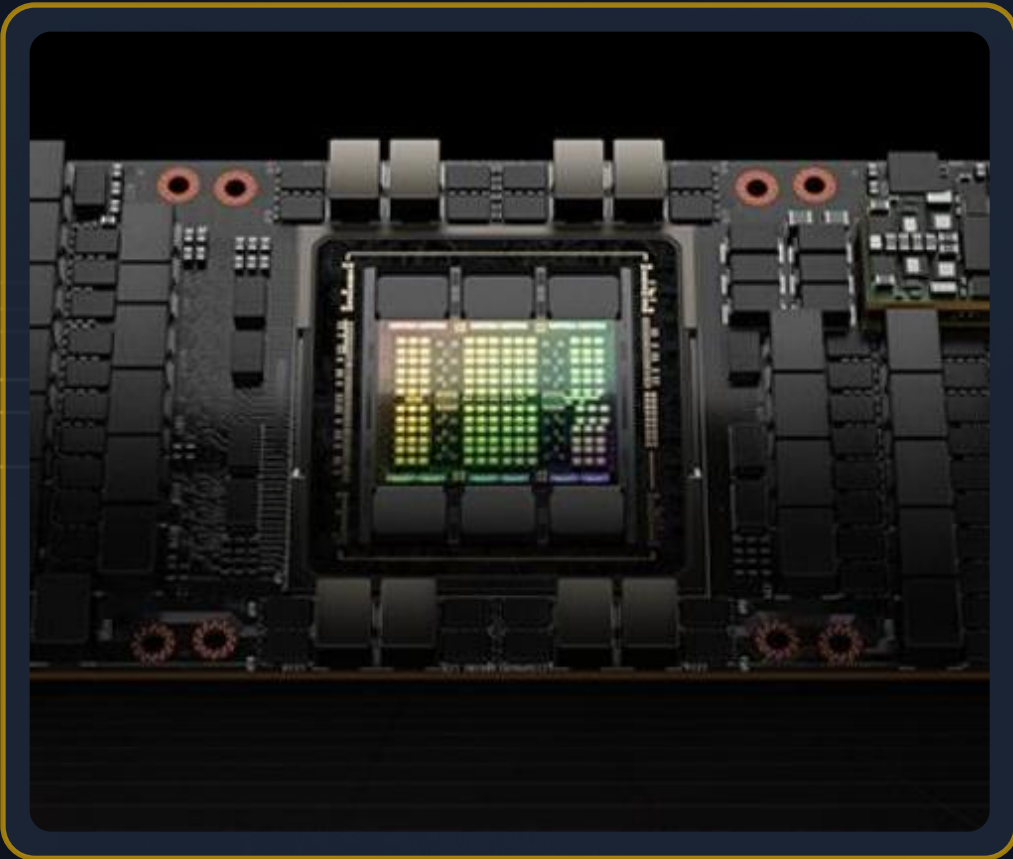
> **\$12** / hour



**European Industrial Power**

**0.8 – 1.2 RMB** / kWh

## 2.2 Constrained High-End Hardware Supply & Severe Premiums



### Severe Shortage of Advanced Chips

Critical shortage of cutting-edge AI chips (e.g., NVIDIA H100, Blackwell) hindering access to core infrastructure.



### Prolonged Lead Times

Standard delivery cycles for new hardware orders now commonly exceed 12 months, creating long-term planning uncertainty.



### Skyrocketing Premiums

#### Premiums

Spot market prices are inflated by more than **50%** above the MSRP, significantly increasing operational costs.



### Scalability Blocked

#### Blocked

Enterprises are unable to rapidly scale computing power to meet sudden, unexpected spikes in market demand.

## 2.3 High End–User Costs Create Massive Cross–Border Arbitrage



### Structural Overpricing

The public cloud and compute rental market is structurally overpriced, creating a fundamental gap in value.



### Core Demand Consensus

Overseas consensus: Enterprises prioritize three pillars: "Cost Reduction, Operational Stability, and Elastic Scaling."



### Strong Market Adoption

Willing adoption of compliant cross-border Token services when priced at 40-50% below local market rates.



### Definitive Arbitrage Opportunity

Conclusion: Exploding demand meets rigid supply. This severely imbalanced structure creates a clear and high-potential market entry point.

## 2.4 Stringent Data Regulations Block Traditional Models

### REGULATORY & COMPLIANCE CHALLENGES

- **Strict Cross-Border Transfer Restrictions**

EU GDPR, US CCPA, and other global privacy laws impose severe limitations on the transfer of raw user data across national borders.

- **High Risks in Traditional Models**

Conventional cloud and distributed computing models typically centralize or transfer raw data, exposing businesses to heavy legal and reputational risks.

### OUR ARCHITECTURAL SOLUTION

#### *"Compute-Only Transport, Zero Raw Data Retention"*



**Localized Data Processing:** Sensitive user data is retained and pre-processed locally at the source.



**Encrypted Tokenization:** Only encrypted, non-identifiable computation tasks ("Token Jobs") traverse borders.



**Ephemeral Execution:** Results are returned instantly, with zero persistent data stored on any network node.

# Part 3: China: The Global Green & Idle Compute Super Node

## CORE MESSAGE

**We have identified the world's singular "cost oasis" and "green compute export super node."**

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**Unlocking the "Energy Scissors Gap"** — Leveraging China's central and western regions' abundant, low-cost, and underutilized green electricity to establish an unassailable cost and sustainability advantage.



# 3.1 The China-Overseas Cost Scissors: An Unreplicable Long-Term Edge

**Core Moat: Extremely low-cost green energy in Central/Western China.**

Provides an absolute, "overwhelming" cost advantage against overseas competitors.



## Global Distribution

Direct access to hundreds of hungry overseas clients, bypassing complex intermediaries.



## Top-Tier Compliance

Tailored architectures satisfying both Chinese and overseas dual regulatory requirements.



## Green Finance Premium

Securing "Green Compute" certification to unlock higher-margin sales and sharing the green premium.

# 3.2 Massive Nationwide Idle Compute, Immense Potential for Utilization

- **Idle enterprise GPUs & decommissioned clusters**  
Abandoned or underused high-performance computing resources from tech giants.
- **Data Center Off-Peak Capacity (Utilization < 20%)**  
Vast untapped potential during nighttime and low-demand periods.
- **"East Data, West Computing" Hub**
- **Underutilization**  
Unfilled server racks and wasted power infrastructure in national hubs.
- **Public Sector Idle Hardware**  
Dormant assets from government, research institutes & SOEs.



**OUR GOAL:** Unify national orchestration to raise aggregate idle resource utilization to **> 85%**

# 3.3 Green Energy Curtailment: Token Export as the Optimal Solution



## China's Green Energy Dilemma

China leads the world in installed wind and solar capacity, yet faces persistent issues of energy curtailment and underutilization.



## The Innovation Loop

Surplus Green Power → Compute Consumption  
→ Token Standardization → **Overseas Digital Export**



Enables the "**Indirect Digital Export of China's Green Energy**", solving local curtailment pain points while aligning with national strategic goals.



# 3.4 Complete Industrial Chain Supports Rapid, Scalable Deployment



## The World's Most Complete Ecosystem

A fully integrated foundation spanning data center construction, server maintenance, nationwide network backbone infrastructure, and abundant technical talent reserves.



## Agile, Rapid Deployment

Streamlined workflows enable rapid node refitting, end-to-end system integration, and efficient cross-border private line rollout.



## 10,000+ GPU Scale Aggregation

Capable of assembling and aggregating more than 10,000 GPUs into a unified, high-performance cluster in record time.

# Part 4: Project Positioning & Commercial Closure

## 4.1 Project Positioning



### POSITIONING

China's exclusive aggregator of idle compute;  
Global super-node operator for cross-border Tokens.



### MISSION

To build a world-leading inference Token export service,  
powered by China's low-cost green compute.

# Core Business Logic: Light-Asset Aggregation, High-Premium Export



## 01 Supply-Side (China)

Contract & aggregate idle GPUs, off-peak compute resources, and leverage central/western green power.



## 02 Aggregation-Side

Technologically package diverse raw resources into a standardized, easily-tradable Token product.



## 03 Compliance-Side

Implement zero-data-retention architecture with end-to-end encrypted cross-border transmission.



## 04 Sales-Side (Overseas)

Sell standardized products via established global channels to high-cost, high-demand markets (NA, EU, ME).



## 05 Revenue-Side

Capture significant profit margins from geographic arbitrage between low-cost supply and high-value demand.

# Chapter 5: Market Viability Assessment



## Market Size

Trillion-dollar blue ocean market, with consistent and stable growth trajectory.



## Client Need

Clear demand for operational cost reduction; high level of trust and acceptance for compliant overseas compute resources.



## Channel Edge

Well-established overseas client and agent network enables immediate and high-efficiency order conversion.



## Pricing Power

A 40-50% price discount compared to local alternatives, providing overwhelming market competitiveness.

# Chapter 6: Business Model Viability



## Light-Asset Model

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No heavy CAPEX required. Partners enjoy long-term, recurring revenue streams completely free of operational burdens—creating a powerful incentive for strong, stable partnerships.



## Product Standardization

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Powered by a globally unified Token API and a proven, automated billing model. Its standardized nature makes it perfectly suited for large-scale, seamless cross-border trade.



## Compliance Architecture

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Data risk is isolated at the most foundational level, with full compliance to all global and regional regulations. This robust security and compliance structure forms our core competitive moat.

# Chapter 7: Technical Viability – Mature & Robust Systems



## 01. Distributed Orchestration

A unified management platform for computing resources with intelligent scheduling algorithms, delivering a proven >99.9% uptime for mission-critical operations.



## 02. Token Standardization Engine

Eliminates compatibility barriers across heterogeneous hardware devices and outputs a consistent, unified API for seamless developer integrations.



## 03. Cross-Border Low-Latency Transmission

Built on carrier-grade private network lines and bank-level encrypted tunnels to ensure ultra-fast <200ms latency for transmission to North America.



## 04. Zero-Data-Retention Security

Strict policy of no raw data retention. The system is protected by multi-layered security including enterprise-grade firewalls and end-to-end encryption.

# Technical Risks & Proven Mitigations



## Cross-border Network Instability

**MITIGATION:** Deploy multi-carrier redundant private lines with automatic failover mechanisms to ensure uninterrupted connectivity.



## Compute Node Failure

**MITIGATION:** Implement a multi-node active/standby disaster recovery architecture with automated task re-routing.



## Technological Obsolescence

**MITIGATION:** Maintain a dedicated R&D team to conduct quarterly technology audits and continuous architectural optimization.

# Chapter 8: Policy Alignment & Social Benefits



## Mitigates Energy Curtailment & Dual Carbon Goals

Effectively reduces wind and solar energy waste, contributing significantly to the nation's carbon peaking and carbon neutrality objectives.



## Activates Idle Digital Assets

Unlocks the potential of national underutilized computing and data resources, eliminating waste and boosting resource efficiency.



## Pioneers "Green Digital Export"

Establishes a groundbreaking trade model for exporting low-carbon, sustainable computing power services.



## Elevates International Influence

Strengthens China's competitive position in the global digital economy and enhances the international influence of its computing power.



## Aligns with National Strategies

Fully supports the "East Data, West Computing" and "Compute-Grid Synergy" strategies, securing long-term policy tailwinds.



## Drives Regional Economic Growth

Generates sustainable tax revenue, creates high-quality employment, and catalyzes the digital transformation of local economies.

# Chapter 9: Risk Management – Compliance in China



## Data Security Compliance

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Our "Compute-only, zero-data-retention" architecture eliminates data residency risks at the source. It is fully compliant with China's DSL and PIPL regulations, completely removing the possibility of non-compliant cross-border data transfer.



## Operations Compliance

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We operate as a compliant compute service aggregator, exclusively utilizing licensed and certified infrastructure resources in China. This model ensures operational transparency and adherence to all local regulatory frameworks.



## Policy Synergy

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Our project is strategically aligned with national initiatives like "East Data, West Computing" and the "Dual Carbon" goals. This alignment garners strong support from local authorities, ensuring high levels of legitimacy and long-term sustainability.

# Overseas Market Compliance & Holistic Risk Control Matrix

## Overseas Compliance Framework



### EU GDPR Standards

Raw user data is stored locally within the EU, with only non-sensitive operational instructions transmitted across borders. Fully compliant with regional data sovereignty laws.



### US Regulatory Adherence

Strictly prohibits the transfer of any sensitive personal data to or from the US. Our architecture ensures zero violation of CFTC/SEC guidelines for digital asset services.



### Import/Export Classification

Tokenized products are categorized as digital services, not restricted hardware or dual-use technology, eliminating export control risks.

## Holistic Risk Control Matrix



### Compliance

Dual legal teams & zero-data architecture



### Price Volatility

Fixed supply & long-term sales contracts



### Supply Chain

Multi-region & multi-vendor distributed nodes



### Network Risk

Multi-path private line redundancy for 99.9% uptime



### FX Risk

USDT stablecoin settlement to avoid currency fluctuation

# Case Studies & Market Validation: How We Partner with Giants



## Stable Capacity Guaranteed

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Signing **10+ year contracts** with industry giants to guarantee consistent, reliable computing power capacity for the long term.



## Prepayment & Spend Commitment

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Clients either prepay upfront or commit to a minimum spend threshold, locking in **low prices** and ensuring uninterrupted supply.



## Stable, Predictable Cash Flow

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This model generates long-term, stable revenue streams, empowering us to secure **large-scale leases** with our strategic partners in China.

# Recent Market Validation Cases



**Meta & Nebius** (Mar 2026)

**\$27B** / 5-year AI Infra Deal

Proves tech giants' long-term strategic reliance on third-party compute capacity.



**Microsoft & IREN** (Nov 2025)

**\$9.7B** / 5-year Prepaid Deal

Validates the viability of "dedicated capacity lease + upfront prepayment" commercial model.



**OpenAI & AWS** (Nov 2025)

**\$38B** / 7-year Strategic Deal

Signals leading AI innovators actively diversifying their cloud computing providers.

# Our Positioning: Becoming the Giants' "Green Compute Capacity Officer" for China



**We are NOT  
another AWS or  
Azure**

We do not compete head-to-head with global hyperscalers. Instead, we focus on what they cannot easily replicate in China: localized green compute capacity aggregation.



**The "Super  
Channel &  
Operator"**

Our mission is to efficiently aggregate, manage, and compliantly deliver China's massive surplus green compute capacity to the world's largest technology giants.

**Emulating Industry  
Leaders**



But with an unmatched  
advantage:

**¥0.028 – 0.049 /  
kWh**

Western China Green Power for  
overwhelming cost leadership.

# Part 5: Three-Phase Implementation Roadmap



**01**

## Foundation

0 - 18 Months

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Validate the core business model and operational processes, with the key milestone of achieving cash flow breakeven.



**02**

## Scale

18 - 36 Months

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Execute national replication strategy, integrate 10,000+ GPUs into the network, and establish a stable and sustainable profit model.



**03**

## Leadership

36+ Months

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Achieve full ecosystem maturity, optimize long-term capital strategy, and establish a globally recognized computing power hub.

# Phase 1 | Foundation (0-18 months): Validation & Launch

**CORE GOAL:** Complete end-to-end business model validation. Build replicable, standardized operations to lay a solid groundwork for rapid scaling.



## SUPPLY CHAIN

Lock in **1,000+ GPU-equivalent** nodes in Guizhou, Gansu, Ningxia super-hubs to secure computing power resources.



## TECHNOLOGY

Deploy China core systems, establish cross-border private lines, and build a robust global compliance framework for operations.



## MARKET

Onboard first enterprise clients in overseas markets. Achieve operational stability and hit the milestone of **positive cash flow**.

# Phase 2 | Scale (18–36 months): Replication & Profitability

**CORE GOAL:** Achieve scaled profitability. Become a leader in cross-border Token services.



## Ecosystem

Deepen strategic partnerships with Chinese energy & data center groups to secure sustainable infrastructure.



## Green Premium

Establish a "Green Compute" certification framework to enable premium pricing for environmentally conscious clients.



## Market Expansion

Systematically expand agent networks and regional presence across EU, NA, ME, and SEA markets.

# Phase 3 | Leadership (36+ months): Ecosystem & Pinnacle

**CORE GOAL:** Establish the standardized "China Green Power - Global Compute" industrial ecosystem and become the core hub for global compute trade.



## SUPPLY

> **500,000** GPU-

equivalents

Strategically secured and aggregated across China's green power bases.



## MARKET

> 120,000 Overseas Clients | >

**¥30 Billion**

Targeting annual revenue and expanding our global customer footprint significantly.



## CAPITAL

### Global Capital Strategy

Execute international financing plans and share long-term ecosystem value with partners.

# Conclusion: Seizing a Historic Opportunity



## 2026: Compute Power = Global "Hard Currency"

In the digital economy era, computing power becomes the foundation of global trade. Tokens serve as the standardized, secure carrier for this new asset class.



## China's Competitive Edge: Green Compute

Possessing the world's most abundant and cost-effective green computing resources, China is uniquely positioned to meet the rising global demand for sustainable AI infrastructure.



## Proven Global Capabilities

We bring to the table mature global distribution channels, comprehensive regulatory compliance frameworks, and sophisticated operational expertise to mitigate risks.



## Creating a Win-Win Green Digital Future

Our strategic partnership will pioneer China's Green Digital Export path, uniting resources and expertise to deliver sustainable value for partners, users, and the industry.

# A Formal Invitation



## 2026: A CRITICAL TURNING POINT

2026 marks the inflection point for the global AI compute dividend. The industry is poised for explosive growth, driven by unprecedented demand for high-performance computing.



## BECOME A CORE PARTNER

We sincerely invite you to join us as a core partner. Together, we will build the world's strongest, most reliable and resilient compute supply chain.



## CO-WRITE HISTORY

Seize this historic opportunity to build the world's largest cross-border Token service super-node, and co-write a new chapter in China's computing power export.

**TOGETHER, WE SHAPE THE FUTURE OF AI**

# Global Cross-Border Token Service Industry Whitepaper

## Green Energy + Token: An International Computing Power Operator's Perspective

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Prepared by: AGI International Computing Power Operations Group (SG HQ | EU & US Ops Centers)

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