01 ICT Basic Software and Hardware

Building self-reliant and reliable computing systems, anchored in core technologies such as CPUs, operating systems, databases, and terminals.



◀ Chips

Complete product portfolio, high performance, sound ecosystem. provides core computing support for devices from edge to cloud.



◀ Operating Systems

Self-developed operating system with a leading market share in the Linux segment.



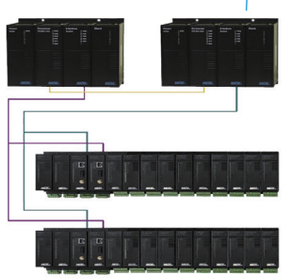
Databases ▶

Cloud & big data platform services: connect/manage heterogeneous public/private clouds, provide full-stack data solutions, enabling fast app deployment & automated O&M.



◀ Servers

Fully independently developed with high-end chips. features high computing performance, large storage, fast operation, meeting customers' needs for server density & performance.



Switches ▶

Complete network system (access, aggregation, core, data center-level). widely used in government, finance, telecommunications.



◀ PC

Widely used in government offices & key IT fields (finance, energy, telecommunications, transportation).



◀ Industrial Control

Complete product range, full functions, wide application. provides safe & reliable automated industrial control solutions.

WiFi6 AP

Next-gen 802.11ax AP WA2600-830-PTE (indoor) supports latest 802.11ax, complies with IEEE 802.11a/b/g/n/ac/ax. Tri-band independent hardware, 6 spatial streams, max 5.4Gbps access rate. Sleek design. It supports desktop/ceiling/wall mounting. 2 power options (DC, PoE) for flexible use.



Scope of Application

Suitable for high-density, high-bandwidth, high-concurrency scenarios (corporate meeting rooms, university lecture halls, office corridors).

Aggregation Switch

Independently developed high-performance stackable aggregation router switch: easy-to-deploy Layer 3 solution with enhanced security, 10GE/40GE uplinks, RIP/OSPF/BGP/IS-IS, L2&L3 multicast, VST/M-LAG stacking, flexible management. Serves as Layer 3 access for large campuses or aggregation for small-medium campuses. builds reliable, scalable, manageable enterprise campus networks.



Scope of Application

Applicable to enterprise campus networks.

Aggregation Router

Highly reliable, high-performance, high-density, secure, green. designed for high performance & integrated services. Higher WAN port density, redundant power. NSR7300X-08 supports 2 supervisor slots, 1 service slot, 8 line card slots, 1 fan slot, 2 power slots.



Scope of Application

This series offers rich WAN access. enables secure communication between branches & headquarters via multiple physical links.

Access Router

Integrates multiple WAN tech (Ethernet, SDH, 5G/4G/3G). flexible access for enterprises. Combines routing, switching, security. supports strong encryption for data security. LAN L2/L3 switching enhances fixed interface flexibility.



Scope of Application

Applicable to small-medium branches of enterprises & government agencies.

Data Center Core Switch

Next-gen 100GE Ethernet switch for enterprise DCs & large campuses: high throughput, high-density 1G/10GE/40GE/100GE ports, larger buffers, lower latency. Advanced Crossbar hardware + Maipu MyPower OS. NSS18500 series offers rich DC services & management. Builds complete, scalable, virtualized Fabric networks for DCs. Deployable as core switch for large enterprise campuses.



Scope of Application

Builds complete, scalable, virtualized Fabric networks for DCs; deployable as core switch for large enterprise campuses.

Data Center Switch

Next-gen 25G Ethernet switch for enterprise DCs & campus LANs: high throughput, high-density 25GE ports, larger buffers, lower latency. Advanced hardware. 48 10/25GE access ports + multiple 40/100GE uplinks. Large port buffers (no packet loss for burst traffic). modular power/fan, high reliability.



Scope of Application

Used with core switches to build DC-compliant Fabric networks. deployable as aggregation/core switch for enterprise campus LANs. Provides comprehensive network solutions for various enterprises & campus scenarios.

Wireless Access Controller

Next-gen wireless AC: centrally manages FIT APs & wireless clients. Integrated wired-wireless design. It features high performance, seamless integration, strong service capability, reliability & security. Meets cross-industry needs for wired-wireless convergence. Configurable via Web interface (3 minutes only).



Scope of Application

Provides comprehensive network solutions for various enterprises & campus scenarios.

Server Power Supply

RPS server power supplies: widely used in AI servers, general servers, cloud/DC clusters, 5G, internet terminals. CRPS power solves AI DC issues ("power wall", reliability, energy efficiency) via standardized form, high power density, intelligent redundancy. With the popularization of GaN/SiC and liquid-cooling technologies, it will be core infrastructure for high-computing scenarios.



Scope of Application

Applicable to brand server system vendors, white-box server system vendors, and internet terminals.

Desktop Power Supply

Product line covers entry-level to mid-high-end custom solutions. It widely uses 3rd-gen semiconductor (GaN+SiC) power topology for excellent energy efficiency & high-quality power output. All products comply with Intel specs. provide stable power for computer hardware, meeting global users' needs (daily office, gaming, AI computing platforms).

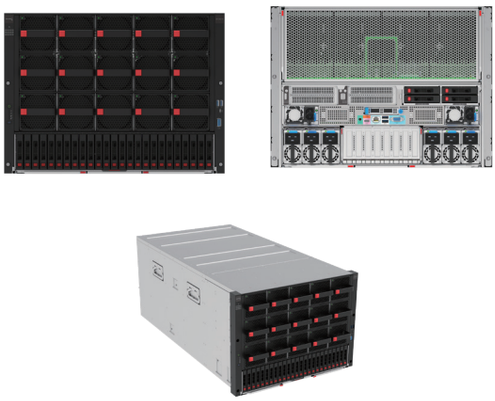


Scope of Application

Applicable to esports players and high-performance hardware enthusiasts, professional design and rendering workers, home entertainment and office users, and distributors.

AI Server

Qingtian GF7290 V5 (Phytium platform): 8U OAM server with Phytium S5000C. Deep inference training platform. compatible with OCP OAM open architecture, ultra-high scalability. builds independent computing base for trillion-parameter models.



AI server series: industry benchmark computing density. provides highly reliable, cost-effective solutions.

Qingtian GF7280 V5 (Phytium platform): first 4U8-card AI training server with Phytium S5000C-64C. Max 12 full-height/full-length/double-width GPUs. designed for integrated training-inference & HPC. industry-benchmark computing density.

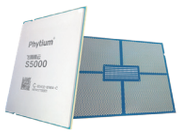


Scope of Application

Applicable to important customers such as government and enterprises.

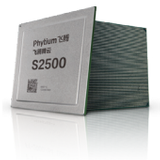
Phytium TengYun S Series High-Performance Server CPU

"Phytium TengYun": new sub-brand of Phytium CPUs for high-performance servers, offering strong computing power and high concurrency for server/data center apps.



Phytium TengYun S5000C Series

- Phytium FTC862 Processor Core
- 16-core, 32-core, 64-core design
- Base frequency 2.1GHz
- Multi-way support: 2~8 ways, up to 128-core interconnection
- PSPA 1.0 Security Architecture

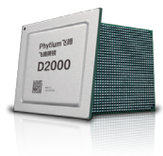


Phytium TengYun S2500

- Phytium FTC663 Processor Core
- 64-core design
- Base frequency 2.1GHz
- Multi-way support: 2~8 ways, up to 512-core interconnection

Phytium TengRui D Series High-Efficiency Desktop CPU

"Phytium TengRui": new sub-brand of Phytium CPUs for high-efficiency desktops, delivering high-performance, high-security ultimate single-user experience.



Phytium TengRui D2000

- Phytium FTC663 Processor Core
- 8-core design
- Maximum frequency 2.3GHz
- PSPA 1.0 Security Architecture

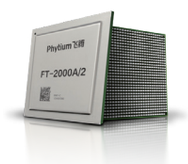
Phytium TengLong E Series High-End Embedded CPU

"Phytium TengLong": new sub-brand of Phytium CPUs for high-end embedded products, providing customized solutions for cross-industry embedded apps.



Phytium TengLong E2000 Series

- Phytium FTC310 and FTC664 Processor Cores
- Single-core, dual-core, quad-core design
- Base frequency 1.0~2.0GHz
- PSPA 1.0 Security Architecture



FT-2000A/2

- Phytium FTC661 Processor Core
- Dual-core design
- Base frequency 0.8~1.0GHz

Galaxy Kylin Advanced Server Operating System V11

Next-gen server OS for enterprise critical businesses: core strengths in high reliability, availability, security, performance, scalability. deeply integrates AI.



First commercial OS with Linux 6.6 kernel

- **All-new architecture:** new Panshi architecture, pioneering programmable security framework, fully upgraded AI subsystem
- **Full-domain controllable security:** secure & trustworthy (inherent dual-system). AI security (worry-free models). efficient & reliable terminal management.
- **Intelligent user experience:** efficient rendering (smooth). computing power sharing (AI-assisted). convenient device collaboration.
- **Native open ecosystem:** efficient native dev. worry-free compatible upgrades. easy device switching, seamless migration.