开放原子开源基金会 OPENATOM FOUNDATION | OpenEuler

OpenAtom openEuler 2025 Annual Report

Intelligence Unbound · Open Source Beyond



Contents

Foreword by the Chairperson of OpenAtom openEuler Committee 1

Gratitude to Our Community Members 3

Community Overview 4

Commercial Progress 5

Technical Progress 6

Global Cooperation 8

Community Developers and Talent 10

2026: The Next Chapter 11

Unleashing Boundless Intelligence with openEuler

2025 marked the beginning of openEuler's second five-year chapter. Looking back at this inaugural year, our community — with over 2,100 member organizations and 24,000 developers — has evolved into a globally leading open source hub, both in scale and technical innovation. This milestone signifies that we have essentially achieved our initial ambition: to build a vibrant open source community for the digital era. As we look toward the next five years, the openEuler community will proactively embrace SuperPoD and AI technologies while driving global industrial evolution, setting the stage for a period of leapfrog development.

Growing and surging ahead together

Our thriving ecosystem owes its success to the dedication of our community members. In 2025, openEuler's momentum was further bolstered by four new members: Hygon Information Technology, AMD, Inspur Cloud, and Digital China, further strengthening openEuler's global foundation. We extend our deepest appreciation to all members of the openEuler community. Your partnership is the cornerstone of openEuler's success. Intel, Arm, and AMD, now collectively supporting us as members, marks a pivotal moment for openEuler, propelling openEuler to the forefront of the international open source landscape. Our global network continues to grow with the addition of LF AI & Data and Zephyr as associate members in 2025. By collaborating with these leaders in AI and embedded technologies, openEuler now counts 15 major open source organizations as close collaborators. This milestone cements our position as a pivotal player in shaping the future of global foundational software.

Embracing SuperPoDs and redefining OS innovation in the AI era

The evolution of an operating system is inextricably linked to shifts in underlying hardware architectures and the changing demands of upper-layer applications. If AI is the undisputed North Star for upper-layer service development, then the SuperPoD is the foundational shift occurring at the hardware level. As these trends converge, operating systems must address three critical challenges. Namely, how can we seamlessly align diverse heterogeneous service requirements with the computing power delivered by SuperPoDs? How can we simplify the development and O&M of SuperPoD applications? How can we innovate applications based on SuperPoDs to fully unleash the advantages of heterogeneous computing power? In response to these challenges, we will drive continuous innovation to deliver a SuperPoD-powered operating system with ultra-large computing power, massive memory, high bandwidth, and ultra-low latency, unlocking the full potential of SuperPoDs. The momentum continues as our partners like Kylinsec, Kylinsoft, UnionTech, iSoftStone, Hoperun, and Linx gear up and prepare to release commercial distributions built on SuperPoD-based openEuler 24.03 LTS SP3. Great things are on the horizon.

Power of minds, future of openness

Since its inception, openEuler has placed talent cultivation at the heart of its mission. Throughout 2025, our commitment to talent continued to grow. We engaged in 149 global competitions spanning 54 countries and regions, empowering more than 20,000 students to showcase their innovation. Our impact in the AI domain was particularly noteworthy, with 33 research papers on openEuler-based AI infrastructure accepted by top-tier global academic conferences. With the launch of the Academic & Education Committee, openEuler is strengthening its ties across industry, academia, and research. We are committed to building a robust research ecosystem and standardizing academic frameworks, ensuring a steady pipeline of expert talent capable of mastering AI-ready IT infrastructure. Alongside these efforts, we have also launched a collaborative alliance dedicated to heterogeneous converged systems, bringing together the brightest minds from across the globe. Over the next five years, we expect this synergy to ignite a massive wave of innovation in both talent development and next-generation applications.



Innovation, not imitation, defines us. Leading is our destiny. In the next five years, openEuler will transcend boundaries — embracing AI and driving global engagement to become one of world-class open source leaders. The future is charted and full of expectations. Where passion leads, every step forward counts. We are committed to this pursuit, advancing with deliberate steps toward our shared destination.

熊伟

Chairperson of OpenAtom openEuler Committee

openEuler Committee 2025-2026

Chairperson



Xiong Wei

Huawei Technologies Co., Ltd.

Standing committee members



Han Naiping

Kylinsoft Co., Ltd.



Liu Wenqing

Hunan Kylinsec Technology Co., Ltd.



Qu Sheng

Institute of Software, Chinese Academy of Sciences



Zhang Lei

UnionTech Software Technology Co., Ltd.

Committee members



Gao Pei

iSoftStone Information Technology (Group) Co., Ltd.



Tian Jun

Intel China Ltd.



Wang Hao

xFusion Digital Technologies Co., Ltd.



Yu Li

China Southern Power Grid



Yu Ping

Jiangsu HopeRun Software Co., Ltd.

Executive director



Hu Zhengce

Huawei Technologies Co., Ltd.

Executive secretary



Liu Yanfei

OpenAtom Foundation

The openEuler Committee is the highest decision-making body responsible for governance and major strategic decisions of the openEuler community. The openEuler Committee consists of delegates from 10 organizations. Through regular meetings, the committee reviews and resolves critical community affairs, serving as the strategic engine for openEuler's ongoing evolution. Throughout 2025, the openEuler governance framework continued to mature. The newly formed Academic & Education Committee, AI Joint Working Group, and Globalization Working Group have been tasked with spearheading efforts in their respective fields, further bolstering openEuler's academic, AI, and global footprint.

Gratitude to Our Community Members

The operation and development of the community are inseparable from the contributions of all members. openEuler's accelerating growth continues to inspire broader participation. In 2025, our members expanded further with the addition of four key partners: Hygon Information Technology, AMD, Inspur Cloud, and Digital China.

As of December 2025, openEuler has aggregated over 2,100 member organizations, spanning the entire industry chain from processors and cloud services to enterprise applications. Beyond being an open source community, openEuler has evolved into a robust and reliable foundational software bedrock for cross-industry digitalization. It serves as an open platform that catalyzes collaborative innovation in digital and intelligent technologies across the globe.

Thank you all for your invaluable contributions!

Note 1: Members are listed in alphabetical order.
Note 2: For members marked with an asterisk (*), the donation agreement is in the process.

For financial donations, please contact the OpenAtom Foundation.
Contact: Gao Fei (gaofei@openatom.org)

Strategic members

HUAWEI

Platinum members

麒麟信安 KYLINSEC
KYLINSOFT 麒麟软件
统信软件技术有限公司 UnionTech Software Technology Co., Ltd.

Gold members

intel
SoftStone 软通动力
HOPERUN Information Technology 润和软件
xFUSION
中国南方电网 CHINA SOUTHERN POWER GRID
HYGON 中科海光
* 天翼云
* China unicom 中国联通 / Unicom Digital Tech 联通数科
* 中国移动 China Mobile

Silver members

WAPE 奥思维
arm
百度智能云
博云
H3C
科银京成 CoreTek Systems
浪潮云
凝思 LINX SOFTWARE
神州数码 Digital China
中国电子云
* AMD

Bronze members

BES 宝兰德 BESSYSTEM
Phytium 飞腾
华鲲技术 基础软件引领者
兆芯

Academic institutions and non-profit organizations

ISCAS

openEuler 2025: Momentum at a Glance

With 6M+ new installs in 2025, total deployments topped 16M, powering sectors like Internet, energy, and public services.



Community members reached 2,138 in 2025, an increase of 182 over 2024.



In Dec. 2025, openEuler 24.03 LTS SP3 debuted as the first open source OS for SuperPoDs, powering 7 major OSVs' commercial distributions.



With 39 global mirrors, openEuler is available on AWS, Azure, Huawei Cloud, Tencent Cloud, and Alibaba Cloud. openEuler container image has become a Docker Official Supported OSS.



Total downloads exceeded 5.8 million, reaching 2,056 cities across 178 countries and regions.



Over 24,000 contributors power openEuler, including 171 dedicated developers with a six-year track record. Original project repositories have scaled to 722.



openEuler has established in-depth cooperation with 15 mainstream open source organizations, including LF AI & DATA and Zephyr.



The community spans 108 SIGs, 10 city user groups, and 3 university tech groups.



Hosted 4 major summits, joined 10+ global events, , and held 24 community meetups.



As one of the pioneers in supply chain security standards, openEuler became the first ISO 18974 certified open source community.



An Academic & Education Committee is now in place. Our network of 17 top universities and institutes yielded 33 AI Infra papers in 2025.



With 500+ updates, openEuler has hit 200k followers and 45M impressions across YouTube, X, and LinkedIn.



China's Premier OS for Industry Digitalization Worldwide

Over the past six years, openEuler has remained steadfast in its "co-build, co-govern, and share" philosophy. By focusing on core technologies — from the system kernel to scenario-based and compute enablement — openEuler has evolved from an enterprise-led project to a thriving community-driven powerhouse, and it has crossed the threshold of scale to become the top-choice foundation for the digital era.

Commercial adoption at scale

With 16 million+ installs and 5.8 million+ downloads worldwide, openEuler has achieved full-scale commercial adoption across industries such as Internet, telecommunications, finance, energy, and public sectors, serving as a robust foundation for global digital transformation.

Taking the finance industry as an example, Lv Zhongtao, Chairperson of Beijing FinTech Industry Alliance and CIO of Industrial and Commercial Bank of China (ICBC), noted in the openEuler-based Operating System in Finance: Applications and Ecosystem Development that communities such as openEuler are building the essential technological bedrock for the financial industry. Industry reports highlight that AI agent collaboration, heterogeneous computing power scheduling, and AI security compliance have become the frontiers of financial digitalization. The need to balance heterogeneous compatibility and business continuity with rapid iteration — coupled with AI risk governance — demands a more advanced underlying infrastructure. In response to these challenges, the openEuler-based open source ecosystem has demonstrated extensive adaptability. Through rigorous real-world validation, openEuler has emerged as the premier choice for intelligent transformation in finance, distinguished by its superior stability, security, and ecosystem compatibility.

openEuler embedded innovations

In the AI era, industrial control demands a new breed of embedded operating systems: shifting from hardware to software-defined logic, enabling flexible resource orchestration, supporting mixed criticality of real-time and non-real-time applications, and driving AI integration for intelligent edge control.

openEuler continues to evolve its embedded capabilities, featuring MICA, UniProton real-time kernel, and virtualization to enable microsecond-level responses. Leading enterprises like China Southern Power Grid, Phoenix Contact, and Baosteel have adopted this solution, accelerating IT transformation in the OT field.



In 2025, China Industrial Control Systems Cyber Emergency Response Team (CICS-CERT) recognized 25 "openEuler Leading Commercial Practices" across Internet, finance, transportation, energy, industry control, aerospace, and public sectors. These benchmarks validate openEuler's scale and serve as blueprints to accelerate adoption in emerging sectors.



OS for SuperPoDs

The AI surge shifts focus from single-node performance to heterogeneous synergy of SuperPoDs. While SuperPoDs define computing power, the operating system defines the efficiency ceiling. openEuler 24.03 LTS SP3 is the industry's first SuperPoD-oriented open source operating system. Seven partners will launch commercial distributions based on openEuler 24.03 LTS SP3 in 2026.

openEuler 24.03 LTS SP3
AI Evolution & Heterogeneous Convergence: Turbocharging SuperPoDs

As AI permeates every facet of our lives, LLMs have emerged as the defining frontier of modern technology, driving the next wave of global innovation. openEuler actively embraces the era of intelligence through a deep convergence with AI. By spearheading innovation, openEuler is both OS for AI — maximizing AI efficiency — and AI for OS — making the system itself more intelligent. Marking a major milestone, the openEuler community launched 24.03 LTS SP3 on Dec 31, 2025. Powered by the Linux Kernel 6.6, this distribution supports the SuperPoD architecture, delivers a comprehensive boost to AI capabilities, and continues to optimize performance across all scenarios.

SuperPoD synergy: The key to maximize heterogeneous computing power

In response to the architectural shifts in SuperPoD technology, openEuler has spearheaded innovations focused on the following aspects:

- Global resource abstraction, unified memory addressing, and device pooling
- Convergence of heterogeneous resources and high-bandwidth, low-latency communication for peer-to-peer coordination
- Global resource view with native and compatibility interfaces provided

Through these technical breakthroughs, openEuler 24.03 LTS SP3 delivers comprehensive support for SuperPoDs. Regarding heterogeneous communication, the Unified Memory Development Kit (UMDK) offers high-speed connectivity with direct peer-to-peer access between devices, yielding a 15% performance gain. Heterogeneous virtualization achieves ultra-responsive live migration with sub-50 ms interrupt latency, while device aggregation technology delivers a 2x increase in bandwidth.In heterogeneous memory pooling, openEuler achieves multi-fold memory overcommitment with a 5% boost in inference throughput. Through memory borrowing and Memlink, VM density is increased by 25% with performance fluctuations kept under 5%, while achieving a 41% throughput gain and limiting high-priority inference latency degradation to less than 10%.

Elevating AI to fuel application innovation

With the dual strategy of OS for AI and AI for OS, openEuler 24.03 LTS SP3 empowers end-to-end AI training and inference, creating an intelligent foundation that evolves with your workloads. Regarding model training, the heterogeneous inference framework sysHAX enables offloading decode computations for small and medium-sized dense models to CPUs. Complementing this, the ModelFS file system boosts model inference speeds by 20%.

In addition, openEuler has open-sourced xSched, a new heterogeneous scheduler designed for AI task preemption and load-aware orchestration. Performance tests with dual DeepSeek 1.5B models show that xSched increases total throughput by 41%, maintaining high-priority latency stability with degradation under 10%.

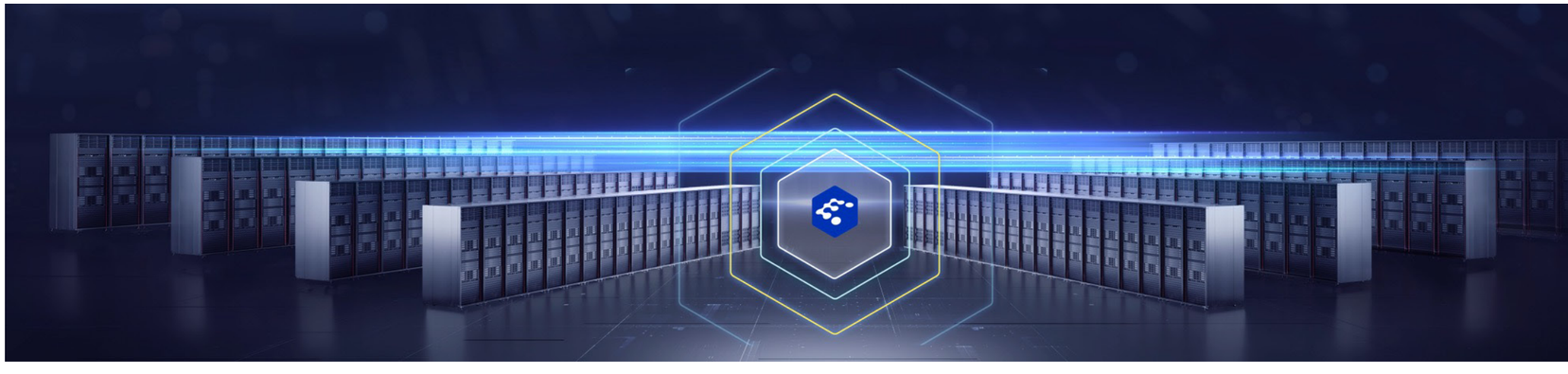
All-scenario application enablement

All-scenario support remains openEuler's core competitive edge. With the release of openEuler 24.03 LTS SP3, the Linux kernel has been further upgraded, delivering enhanced capabilities across server, cloud, edge, and embedded environments.

In server scenarios, openEuler delivers a 10% performance boost through collaborative mutation optimization. Parallel-aware scheduling further increases Spark performance by 20%, alongside full support for Arm Confidential Compute (CCA).

In cloud scenarios, multi-core high-density optimization significantly boosts CPU utilization. Enhanced CPU SMT QoS minimizes latency interference for online tasks, while the optimized openEuler SPDK keeps virtualization overhead below 5%.

In edge and embedded scenarios, UniProton supports multi-instance and multi-core deployment. Furthermore, container co-location is enhanced to support real-time operating system deployment, ensuring performance in hybrid environments.



Riding the Tide of Innovation: Leading the Future through Open Source

Continuous technical innovation is the lifeblood of a thriving community. In the AI era, a community's innovation capabilities are now a defining measure of its long-term development. 2025 marked a year of hyper-growth for openEuler, with 26 new projects incubated — 23 of which are AI-related. openEuler is shifting from community-based R&D to global industrial synergy. By founding the openEuler AI Joint Working Group in 2025, openEuler has created a platform for deep-seated innovation that defines and leads emerging industrial trends.

Intelligence BooM: open source AI solution

Intelligence BooM is a full-stack open source AI solution co-created with over 20 community members and partners. It features six core platforms: heterogeneous convergence, task management, data management, acceleration, intelligent application, and full-stack security, alongside more than 20 open source components. By leveraging these reference implementations, users can accelerate commercial deployments and pioneer innovations in cutting-edge technologies and AI agents. Intelligence BooM has evolved through two major versions: 25.07 Hui Noodle and 25.11 Qiaoyu Noodle. The latest 25.11 centers on low cost, high efficiency, and rapid deployment, and introduces numerous technical breakthroughs, including support for fine-tuning over 50 models and a 10% to 30% boost in inference efficiency through heterogeneous synergy. Designed to seamlessly adapt to the agentic AI ecosystem, it delivers a truly AI software stack.

Up to now, Intelligence BooM has been deployed at scale within the production systems of JD.com, HuaKun, and PowerLeader.



Global debut of Arm CCA confidential computing solution

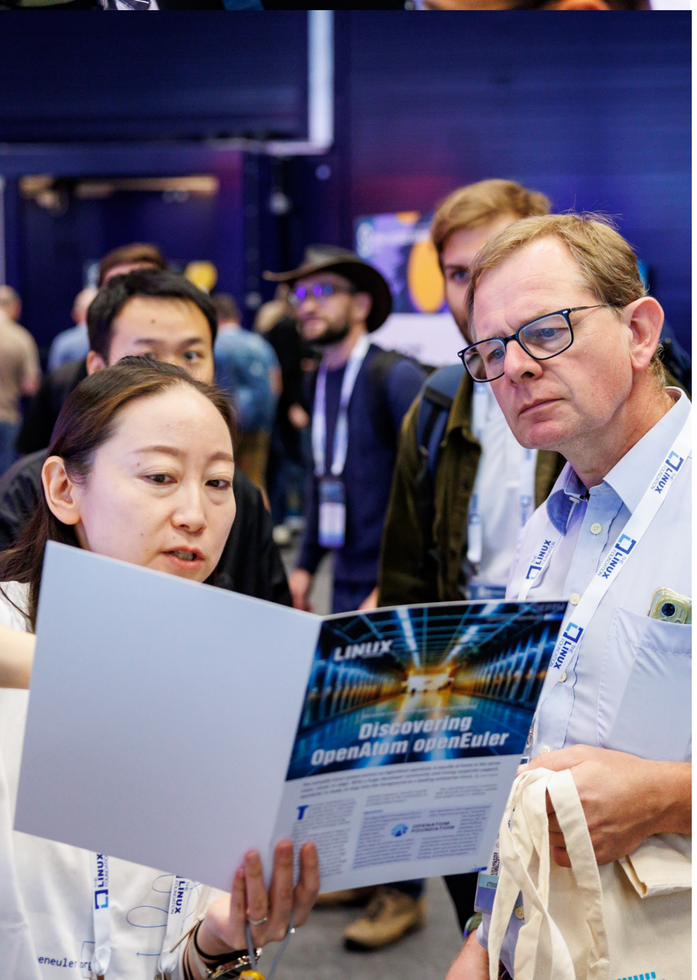
While AI is advancing at breakneck speed, the accompanying security challenges cannot be overlooked. The openEuler community, in collaboration with Arm, Linaro, Baidu AI Cloud, Kylinsoft, Kylinsec, UnionTech, Shanghai Jiao Tong University, Huazhong University of Science and Technology, and the Global Computing Consortium (GCC), has officially launched the world's first confidential computing solution based on Arm CCA. This solution delivers comprehensive support for confidential virtual machines (CVMs), making openEuler the first open source operating system to support Arm CCA-based CVMs. By leveraging trusted I/O channels, this solution limits performance overhead to under 5%. It preserves openEuler's extensive software ecosystem while seamlessly integrating with the confidential computing landscape.



Uniting industry, academia, and research: the heterogeneous alliance

Fueled by AI and AI-General computing synergy, computing demand is seeing exponential growth. This is driving a revolution in computer architecture — defined by heterogeneity and high-speed interconnect — making the integration of CPUs, GPUs, and NPUs into unified platforms the new industry standard. To overcome the challenges of fragmented software silos, openEuler has initiated the heterogeneous converged system software alliance. Bringing together industry and academic powerhouses like Huawei, Peking University, Tsinghua University, BES, TongTech, and Linx Software, the alliance focuses on deep integration across foundational software and AI, driving a unified and collaborative innovation ecosystem. The alliance is dedicated to building a unified, open, and high-efficiency architecture and software ecosystem for heterogeneous converged computing. By fostering industry consensus, we aim to accelerate technical innovation and bridge the gap between breakthrough research and large-scale commercial adoption.





From China to the World

Marking a new chapter in its globalization, openEuler participated in the 2025 Saudi-China Open Source Forum. Discussions centered on the pivotal role of open source ecosystems and AI as the dual engines of digital transformation. The forum not only accelerates technological progress in Saudi Arabia but also blazes a new trail for global collaboration in open source AI. This shared commitment to leveraging technology for a better world highlights the immense potential of international cooperation in tackling complex challenges and fueling innovation.

2025 marks a milestone in openEuler's open source journey. Through new technical alliances with LF AI & Data and Zephyr, openEuler now collaborates with 15 prestigious international organizations to drive global innovation.

Partnering with LF AI & Data propels openEuler's AI and data strategy to new heights, solidifying its global ecosystem. This partnership enables openEuler to support top-tier LF AI & Data projects such as Milvus, KServe, and ONNX, bringing highly influential open source capabilities to the ecosystem. These deep integrations significantly elevate openEuler's power in large-scale data processing, high-dimensional vector search, and AI model deployment and serving. Beyond expanding openEuler's tech stack and AI ecosystem, this integration delivers a robust, high-performance AI infrastructure that is both comprehensive and easy for developers and enterprises to deploy.

This cooperation also revitalizes the openEuler community with a broader global vision. By promoting global collaboration and recognition, this move establishes openEuler as a premier platform for complex cloud-native AI workloads. This strategic positioning accelerates both the technological evolution and market-ready deployment of openEuler in the age of AI.



Gaining global recognition

In 2025, OpenAtom openEuler gained global spotlight in Linux Magazine. The feature article, titled Discovering OpenAtom openEuler, offers an in-depth look at its technology and ecosystem. Linux Magazine recognizes openEuler as a premier enterprise Linux system in the making. Its vast contributor base and open ecosystem make it a frontrunner in adapting to future digital and intelligent infrastructure.

Fostering joint innovation with global scientific research institutions

The openEuler community, in collaboration with the University of Edinburgh, hosted the first openEuler Hackathon in Europe. Featuring 80+ participants and 20 teams, the hackathon centered on system innovation within the realm of intelligent operating systems. This successful event proves that openEuler has paved the way for deep collaboration with international academia, serving as a pivotal milestone in its global development.

Looking to the future, openEuler will ramp up global cooperation and explore new frontiers, accelerating its global footprint through multi-dimensional growth in technology, business, and ecosystem.

Thriving Ecosystem, Robust Community

Stability is our foundation; openness is our path. openEuler partners with global developers to nurture a diverse and inclusive ecosystem, where the simple act of contributing is the true calling for every open-source enthusiast. As of 2025, the openEuler community has brought together over 24,000 global developers and established 108 SIGs. With a cumulative 722 original projects spanning from the system kernel to AI, openEuler enables all-scenario applications and continues to lead industrial technological innovation.

Marking the first graduation class of OpenAtom Foundation

In November 2025, openEuler officially graduated from the OpenAtom Foundation's incubation program, moving into the mature stable stage after a successful Technical Oversight Committee (TOC) review of its long-term development.

Under the OpenAtom Foundation's management guidelines, graduation is defined as a vital milestone within a project's incubation and operational journey. Project graduation confirms that openEuler has met rigorous standards for technical innovation, governance, community engagement, and ecosystem reach. This milestone validates its capacity for sustainable growth and its readiness for mission-critical industrial applications. The graduation ceremony is more than a high-level recognition of the community's collaborative achievements. It marks a new chapter where openEuler, with enhanced autonomy, a more mature governance system, and an even more open mindset, continues to flourish across a broader industrial ecosystem.

Honoring every contributor behind openEuler

In the past year, the remarkable energy and engagement of openEuler developers have fueled the community's rapid growth, driving it to new heights. During 2025, openEuler delivered two innovation and two LTS SP releases. The total number of software packages jumped to 210,000, supported by a cumulative 10.68k issues. The community successfully merged 2023.1k PRs and efficiently addressed 7,494 security vulnerabilities. This collective progress is fueled by over 10 global chip enterprises, 20+ operating system providers, a vast array of enterprise users, and dedicated individual contributors. Six years into the open source journey, 171 developers have remained dedicated contributors to openEuler community. Heartfelt thanks go to every contributor to the openEuler community. From coding and documentation to participating in discussions and sharing feedback, every single action matters and is deeply valued.

Throughout 2025, the openEuler community footprint expanded across 8 cities with 24 community-led developer meetups. From Beijing, Chengdu, and Shenzhen to Hong Kong and beyond, these gatherings brought together 2,000+ participants, fueling local innovation and collaboration. Driven by this community-led, self-operating model, these activities have yielded remarkable success. Beyond just sharing expertise, they empower every individual to move forward and flourish alongside the openEuler community.



Unite in Open Source, Seed the Future

The openEuler community has prioritized talent cultivation since its very inception. 2025 saw increased investment in talent: 149 awards and competitions across 54 countries, empowering over 20,000 students globally. Our impact in the AI domain was particularly noteworthy, with 33 research papers on openEuler-based AI infrastructure accepted by top-tier global academic conferences.



Academic & Education Committee: a systematic approach to talent nurturing

To further strengthen the collaboration and connection between industry, academia, and research, the openEuler community established the Academic & Education Committee in 2025 The inaugural members include 17 prominent universities and research institutes, such as Peking University, Beihang University, Harbin Institute of Technology (Shenzhen), Huazhong University of Science and Technology, Lanzhou University, Nanjing University, Tsinghua University, Xiamen University, Shanghai Jiao Tong University, Shenzhen Technology University, Wuhan University, Xidian University, Xi'an Jiaotong University, Northwestern Polytechnical University, Zhejiang University, the Institute of Computing Technology of the Chinese Academy of Sciences (ICT CAS), and the Institute of Software of the Chinese Academy of Sciences (ISCAS). Looking ahead, we will focus on building a robust academic ecosystem around openEuler, creating innovative talent incentive frameworks, and defining industry standards. Our goal is to secure a continuous stream of intellectual resources and skilled professionals to fuel the community's evolution. The committee is dedicated to aligning foundational software innovation with the needs of education, leveraging industry-research-academic synergy to accelerate technology commercialization and cultivate future talent.

Industry-academia-research: hand in hand for a shared future

Fueled by AI and AI-General computing synergy, computing demand is seeing exponential growth. This is driving a revolution in computer architecture — defined by heterogeneity and high-speed interconnect — making the integration of CPUs, GPUs, and NPUs into unified platforms the new industry standard.

To address the challenges posed by the evolution of computing infrastructure toward SuperPoDs, and to resolve the software ecosystem fragmentation caused by diverse heterogeneous hardware and high-speed interconnect technologies, the heterogeneous converged system industry-academia-research alliance has been established, initiated by the openEuler Academic & Education Committee. Bringing together top-tier leaders from the industrial, scientific, and educational sectors, the alliance is dedicated to building de facto standards for heterogeneous convergence. It aims to bridge the gap between research, industry, and education, fostering technical synergy and ecosystem growth to counter the challenges of fragmentation.

By integrating the strengths of industry, academia, and research, the alliance will accelerate collaborative innovation in the heterogeneous converged software ecosystem. It aims to empower digital transformation across all sectors, support the national digital economy strategy, and provide a platform for talent cultivation and the commercialization of research, ultimately driving the deep integration of operating system and AI technologies. The next five years will bring a massive wave of talent and innovation driven by these new architectures.



2026: The Next Chapter
Embracing the Era of SuperPoDs and AI to Fuel the Global Journey

As we move into the era of intelligence, business demands are transitioning across three evolutionary phases: resource-driven, data-driven, and business-driven. Core enterprise demands are evolving: from single-unit performance to SuperPoD-based heterogeneity. Driven by exponential power needs and interconnect breakthroughs, hardware is rapidly scaling from single nodes into SuperPoDs. As our community grows rapidly by the day, how do we continue to elevate the experience for every developer?

Embracing the Era of SuperPoDs and AI

The SuperPoD is a game-changer for computer architecture. Since architectural shifts are the primary catalysts for system software advancement, they naturally foster unprecedented opportunities for generational software upgrades.

In response to these architectural shifts, openEuler has launched the industry's first open source operating system optimized for SuperPoDs, enabling the seamless fusion of diverse computing resources. Capitalizing on this pivotal moment, openEuler has joined forces with players across the industry-academia-research spectrum to form an alliance dedicated to heterogeneous converged systems. By leveraging the power of our alliance and the synergy of open source, we aim to co-build, co-govern, and share the SuperPoD ecosystem.

Looking to 2026, openEuler is set to integrate its technological expertise with its industrial and scaling advantages. By fostering ongoing innovation in SuperPoDs and AI, we aim to lead the industry's evolution and shape the future of technology.

Broadening global footprint

In 2025, openEuler attained significant milestones in its global journey, deepening its strategic partnerships with LF AI & Data and the Zephyr Project. At present, openEuler maintains deep-rooted collaborations with 15 global open source organizations, driving synergy across various sectors including AI, cloud, big data, HPC, and embedded technologies.

Industry leaders such as Linx, Chinasoft International, Wind River, UnionTech, iSoftStone, xFusion, Hoperun, Kylinsec, and Kylinsoft have joined openEuler as the first cohort of globalization pioneer partners. In 2026, openEuler will work hand-in-hand with our community to advance its globalization. We will further deepen collaborations with major open source, commercial, and standards organizations worldwide, penetrating more diverse scenarios and providing the world with a compelling new choice.

Powering an AI-driven developer experience

Driven by a developer-centric philosophy, openEuler prioritizes infrastructure excellence to deliver a seamless and developer-friendly experience. In 2025, the community launched a series of multi-dimensional initiatives in this area. DevStation, a community-incubated workstation version, has evolved with enhanced intelligence, integrating AI across the entire development toolkit. With the built-in Agent Runtime, tasks can be autonomously understood, planned, and executed — all accessible through PolyMind, the central developer interface.

In addition, the community's public services have undergone an intelligent transformation. With the comprehensive upgrade of automated package management, over 500 software packages were auto-maintained in the second half of 2025 — a feat equivalent to the workload of 1,000 personnel per year. Furthermore, AI-driven issue recommendations have resolved over 2,000 forum questions, significantly boosting developer experience and efficiency.

Our goal is clear: the community handles the routine, while developers drive the innovation. By automating the mundane, we empower developers to build the extraordinary. Empowered by these intelligent infrastructure capabilities, we are confident that 2026 will see a surge of technical innovations bursting forth within the openEuler community.



开放原子开源基金会
OPENATOM FOUNDATION

OpenEuler

OpenAtom openEuler
https://openeuler.org

https://x.com/openEuler

https://www.linkedin.com/company/openeuler/

https://www.youtube.com/@openeuler

WeChat Official Account

WeChat Video Channel

Official Website