

How Big Is the Digital Economy



10.2% of U.S. GDP or **\$2.1 trillion** in 2020

6.3% average annual growth, 2012-2020, led by growth in infrastructure and e-commerce

7.8 million jobs in 2020,2.5% average annual growth, 2012-2020



Data Centers Are the Cornerstone of the Digital Economy



Computing Power

Data

Connection

The global data center market investment was valued at USD 215 billion in 2021, and is forecasted to reach USD 288.3 billion by 2027, growing at a CAGR of 4.95%.

Source: Arizton Advisory and Intelligence

WHAT WILL FUTURE DATA CENTER LOOK LIKE?

Considerations for Future-proof Data Center



High Speed Low Latency

Reliability

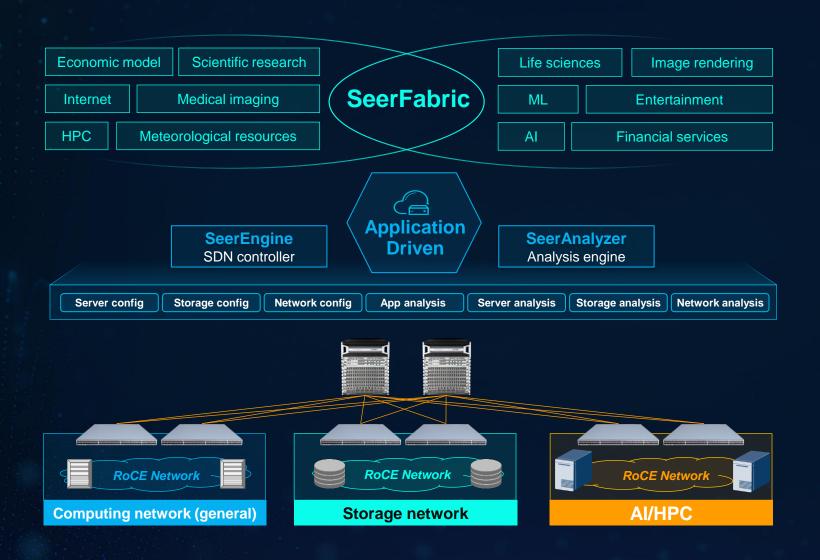
Sustainability



H3C will provide a one-stop solution for **intelligent**, **lossless and green data centers**, to accelerate the development of the digital economy.

H3C SeerFabric Data Center Solution





Ultra-broadband & lossless

- Supreme 400G
- Lossless network with RDMA/RoCE

Intelligent O&M

- Consistent optimization for lossless network
- Proactive troubleshooting

One-stop solution

- ICT infrastructure
- Application-driven engines

H3C SeerFabric Solution Portfolio







Low Power Consumption Design for Green Data Center





Custom PCB Sheets



Optimized structural design

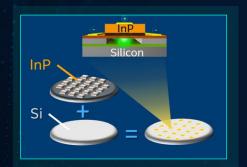


Improve power supply efficiency

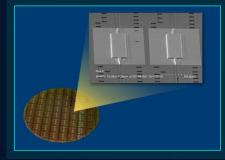


48*400G ports





Hybrid Laser Technology



Advanced CMOS Process



On-chip optoelectronic testing



400G DR4+/FR4/LR4



Infrastructure self-research capabilities





ത Q Ø Ö 0 Cons

Innovative Solutions: Full-domain Coverage ,Full-stack Enablement







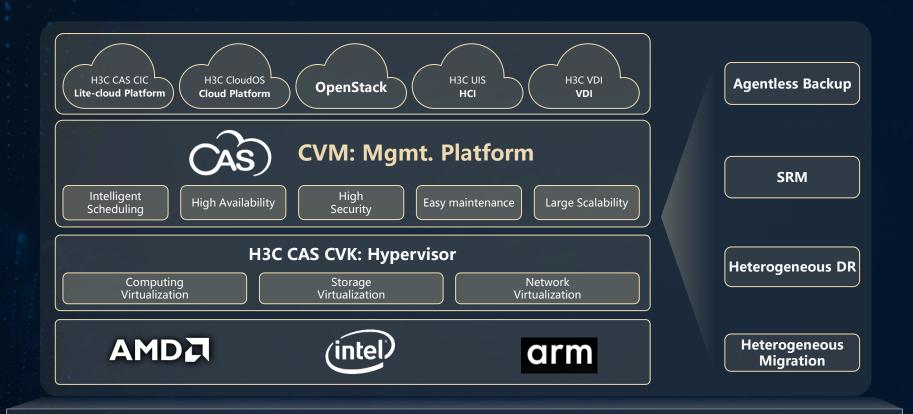


盦

Smart Digital Platforms

CAS: The Most Competitive Hypervisor





638,6 631,6 624,9 Company A Company B H3C

Server Config: Intel Xeon E5-2690, CPU 16 cores, RAM 256GB

2438
2359
2366
Company C Company D H3C

Server Config: Intel Xeon E5-2699 v4, CPU 44 cores, RAM 512GB

4819 4725 4679 Company E Company F H3C

Server Config: Intel(R) Xeon(R) Platinum 8380, CPU 80核, RAM 2TB

Rank No. 1 in China's virtualization market among domestic brands for 7yr

Deliver more than 400,000 CPU on-line licenses

Broke record 3 times under SPECvirt test

UIS8.0: New Generation of UIS, Best Choice of HCI

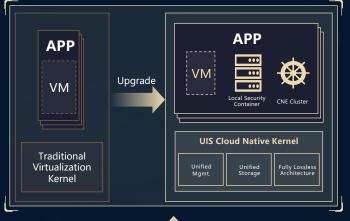


DPU as HCI

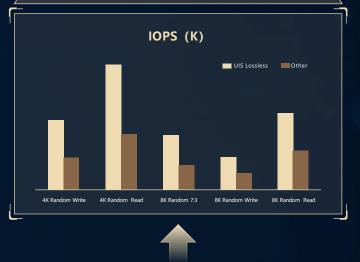


Three

Cloud Native Kernel



Lossless Storage

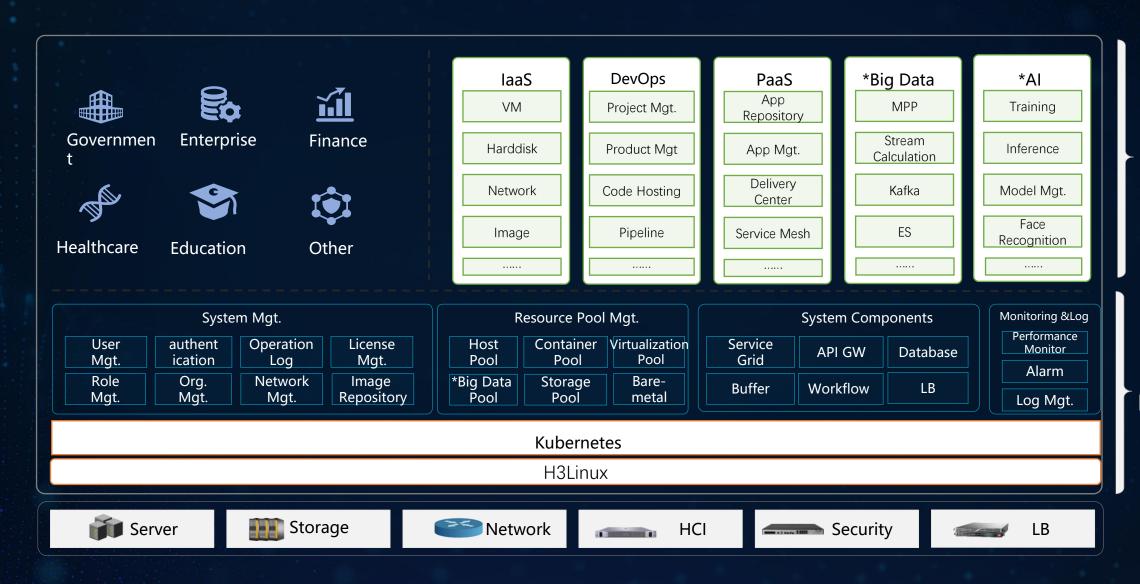


- Disruption: HCI running on card, host CPU freed
- Advantage: hardware and Software fused, high perf.
- Plug&Play: compatible to any UIScertified servers

- Unified mgmt.: container ,VM and BareMetal
- Better security: local sandbox containers & isolation
- Full-scenario: multi-runtime supporting
- Deploy. mode: based on host or Chixiao accelerator card
- Performance: IOPS 100% up & latency reduction to us
- Certification: component of AD-DC soln. certified by Tolly

H3C CloudOS: Full Stack laaS, PaaS Cloud Platform





Cloud Service

Basic Platform

Data Center Lifecycle Professional Service



H3C Data Center Lifecycle Professional Services

Planning

Designing

Provisioning

DC construction

Operation and Maintenance

DC consultation

Demand analysis of ICT

Planning project

Site selection and

grade planning

Data center concept

facilities

design

DC design

Energy-saving design

expansion design

LEED certification

Data center tier

certification

Facility renovation and

Craft design

- General contracting
- Expansion and transformation implementation
- Project management
- Construction cost
- Micro module products

DC verification

- Verification and integration testing
- Building management system (BMS)
- Energy efficiency assessment EEA2.0
- Building information modeling (BIM)

DC 0&M

- O&M system construction and training
- Outsourcing services
- O&M process evaluation and consultation
- Data center health check

- Best practices: 800+ data center cases worldwide (400+ in China), with trusted partners including 3 Internet giants, 3 state-owned banks and 4 major exchanges in China.
- Industry standards: participate in the preparation of many international and domestic standards and white papers.
- Green data center design: the most energy efficient data center with PUE<1.1.</p>
- Safe and reliable: the first company to pass the Uptime T4 certification in financial industry in China.

Jointly Build a Green and Lossless Data Center with Alibaba





RDMA lossless data center

- Started R&D in 2017, completed in 2018. Has been running stably for 4 years so far.
- Help customers to successfully practice in the fields of big data analysis, artificial intelligence, fraud detection, etc.

Green data center

- Built in 2020, the world's largest immersion-cooled server cluster.
- Obtained the 5A certification from TGG (The Green Grid).
- H3C provides immersion cooling technology design and project management services.

Energy Efficiency Governance of a Financial Data Center





- Scale: around 10,000 square meters
- H3C provides consulting, design and verification services.
- Adopt high-efficiency power distribution structure and equipment, cold source equipment and energy-saving structure.
- Power Supply Effectiveness (PUE) reduced from 2.2 to 1.48.



H3C will work with customers and partners, to go digital and go smart.

- Together, For a Digital Future -