

Kimtigo

Shenzhen Tigo Semiconductor Co., Ltd



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Brief Introduction

- ➡ Kimtigo is a high-tech enterprise in China that has specialized in data storage and a professional solution provider that integrates R&D, production and marketing of proprietary brand products.
- ➡ Kimtigo has a complete storage products portfolio , which covers consumer, industrial control, enterprise, and embedded storage products. Kimtigo can customize data storage solutions based on specific market and application scenarios.
- ➡ Kimtigo has more than 500 employees. , two R&D centers and a sale network that spreads all over the world.
- ➡ Kimtigo has **200 intellectual property rights**, among which there are 140 invention patents
- ➡ Kimtigo is strategic partner of domestic memory chip manufacturers such as **Yangtze Memory and ChangXin Memory**. It is also an important supplier of domestic complete machine companies such as **Tongfang, 706, Haier, PowerLeader, Sugon, Inspur, Lemote, and Star-Net**, and has a relatively obvious first-mover advantage in the field of IT application innovation.
- ➡ National high-tech enterprise、CNAS key laboratory certification ISO9001/45001/14001 management system, Informatization and industrialization implementer of Ministry of Industry and Information Technology、2021 Annual Emerging Company of China IC Billboard, Member of the IT Application Innovation Working Committee of China Electronics Standardization Association, Famous trademark of Guangdong province etc...



New headquarters building



Present factory

Development History

2000

2005-2010

2011-2015

2016-2019

2020至今

- Founded in Shenzhen SEG Electronics Market in 2000

- Kimtigo created the first proprietary brand
- Launched construction of offline sales channel system throughout China

- Kimtigo ranked NO. in the global storage module manufacturers based on revenue
- Kimtigo became a brand supplier of Lenovo
- Obtained national high-tech enterprise qualification

- Consumers SSDs ranked NO.3 in the world and storage products ranked NO.6 in the world
- Created an employee stock owned platform
- Became a member of the IT Application Innovation Working Committee of China
- Became a certificated informatization and industrialization implementer of Ministry of Industry and Information Technology

- Foundation laying of Kimtigo Technology Building
- Become the vice chairman unit of Shenzhen Xinchuang alliance, the member unit of the general association of China Electronics Society and the member unit of China Electronic Information Industry Federation
- 2021 Annual Emerging Company of China IC Billboard
- Won the innovation award of the 9th China electronic information Expo
- Won the title of the second "top 100 Shenzhen brands"
- Comprehensive brand upgrading of Kimtigo
- Approved by large funds and completed round A financing
- Nanning Tigo Semiconductor Co., Ltd. was established



Enterprise highlights

Strong R & D strength

- Team: members have the ability of software and hardware R & D and design, and have many years of experience in firmware development, test scheme design and IC design
- R&D results: R&D results such as self-developed particle testing software have entered the payback period

Prominent position in the industry

- First-mover advantage: closer to customers , meet the market demand faster and better
- Brand position: the world's third largest SSD module factory, the world's fourth largest memory module factory, and the largest SSD module factory in China

(data source: TrendForce)

Huge industry market

- Big data means big storage: new generation of information technologies such as the Internet of things, 5g, Internet of vehicles and artificial intelligence etc. requires according storage as support
- Opportunities for storage localization: the localization of integrated circuit industry is the general trend. Government' s strong support will definitely bring huge space for localized products to replace the imported ones.

Display of layout advantages

- 2C and 2B ,two-way parallel: 2C has occupied the leading position and is increasing steadily. 2B has entered the supply chain system of major domestic machine manufacturers ,with stronger anti risk ability2C
- Global layout: our customers spread all over the world
- Strategic layout: gradually expand to the chip market while perfecting our existing products

Global Deployment



Based in Shenzhen, with two R&D centers in Shenzhen and Shanghai, we exported products to North America, Britain, France, Germany, Italy etc.



Gunagdong Shenzhen Headquarters

HQ locates in Shenzhen Pingshan district



Beijing Branch

Established in 2019



Shandong subsidiary



Shanghai subsidiary



Taiwan subsidiary



Shandong subsidiary

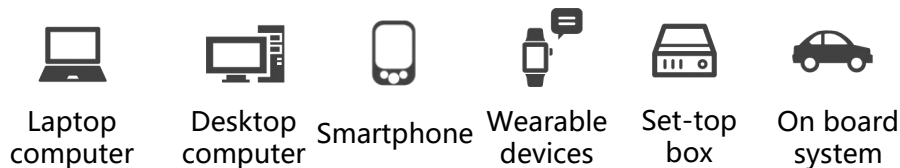


Products Portfolio

Consumer storage

Product form

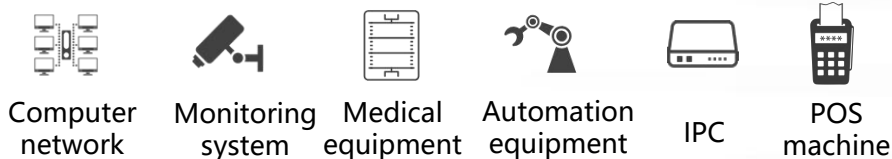
Applicable for



Industrial storage

Product form

Applicable for



Enterprise storage

Product form

Applicable for



(No mass production)



Upstream major suppliers



Hynix



Micron



Samsung



SiliconMotion



SanDisk



Hynix



CXMT



Maxio



KIOXIA

Downstream main partners

lenovo 联想

Lenovo

中科曙光
Sugon

Sugon

inspur 浪潮

Inspur

清华同方
TSINGHUA TONGFANG

Tsingua
Tongfang

UnilC

UnilC

Haier

Haier

CASIC

CASIC

Huanghe

Huanghe

超越申泰

Excpar

BITLAND
宝龙达

Bitland

宝德
PowerLeader

PowerLeader

Evoc

Evoc

STAR-NET
星网锐捷

StarNet

INESA

INESA

实达
START

START

Hisense

Hisense

ECS ELITEGROUP
精英电脑

EliteGroup

桑达®

SED

ASUS

ASUS

TRUST
i! 百信

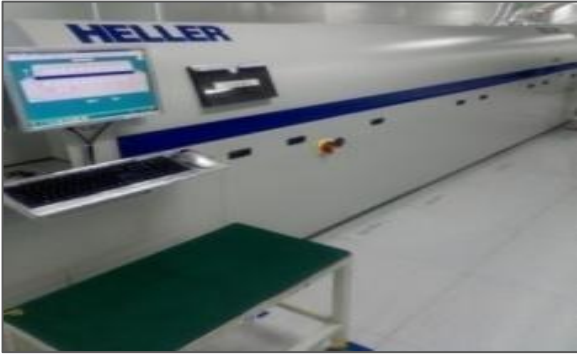
Trust

Storage industry market

Storage wafer	Packaging / Testing	Main control chip		SMT	Testing	Products	Brand & Sales
   	   	Hardware	Firmware	   	Die sorting		
		   	Package sorting		 		
			Modules sorting		 		



Automated Production and Manufacturing Optimization



SMT Convection Reflow Ovens



Module AT



SPI



Printing



Auto Label Application Machine



AOI

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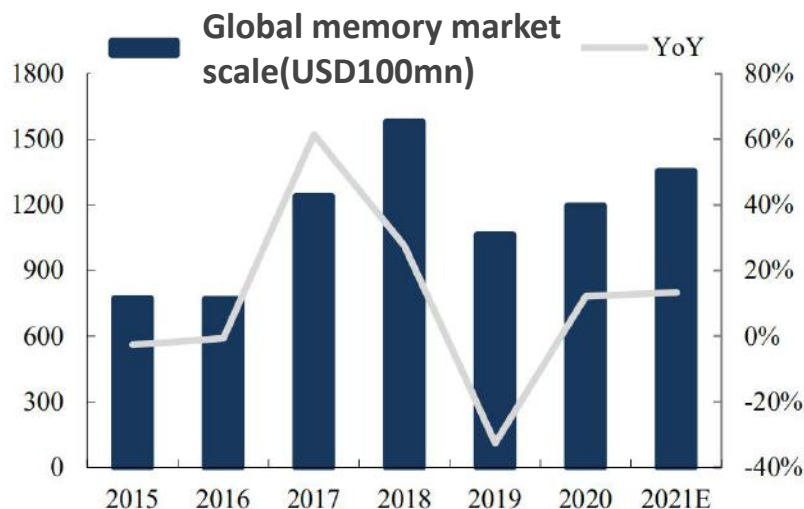
03

Values and wishes

Storage industry market introduction

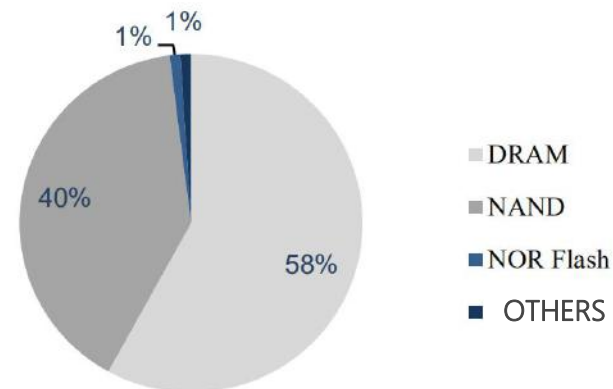
- Memory is the largest segment of the semiconductor industry. According to the data of WSTS, the global memory market is expected to reach US \$135.3 billion in 2021, with a year-on-year increase of 13.3%, accounting for 28.83% of the global semiconductor market, and the market space is very broad.
- DRAM and NAND products occupy the main memory market, accounting for 98% in 2020. The market scale of DRAM and NAND flash is US \$87 billion and US \$53 billion respectively.

Changes in the global memory market scale



Data source: WSTS

2020 Global memory market structure

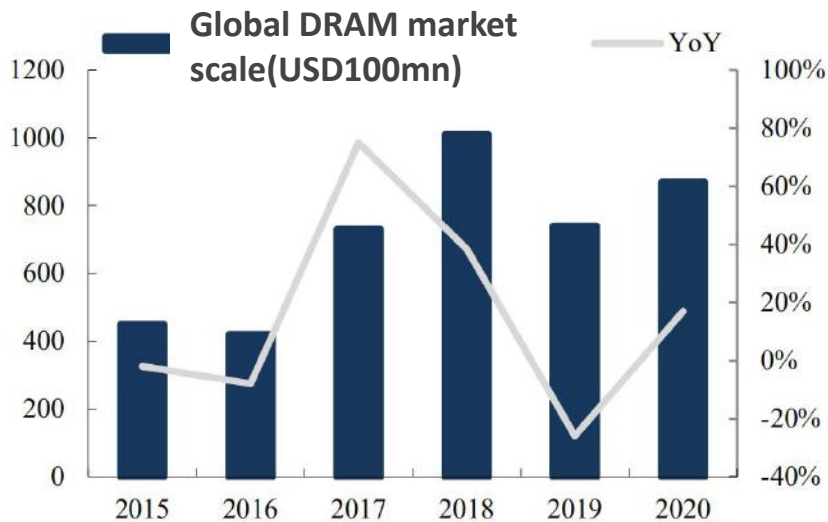


Data source: China industry information network

DRAM market status

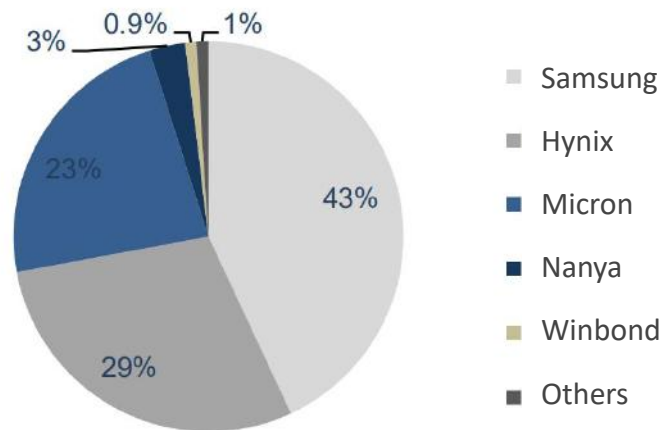
- According to Yole's data, in 2020, the global DRAM memory market exceeded US \$87 billion, with a year-on-year increase of 17.57%. It is expected to maintain sustained growth in the future .
- The global DRAM memory market is highly concentrated. According to the data of China's flash memory market, overseas manufacturers such as Samsung (43%), Hynix (29%) and micron (23%) accounted for 95% of the market share in 2020.

Changes in global DRAM memory market scale



Data source: Yole

2020 DRAM market structure

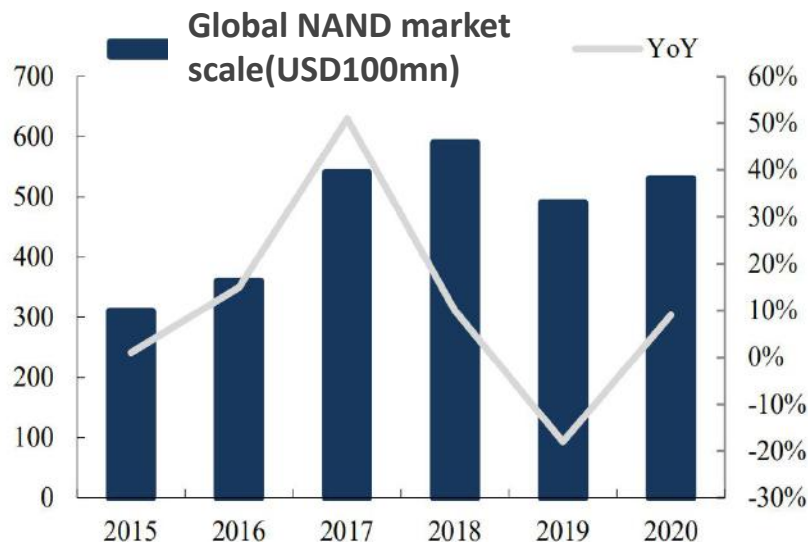


Data source: China flash memory market

NAND market status

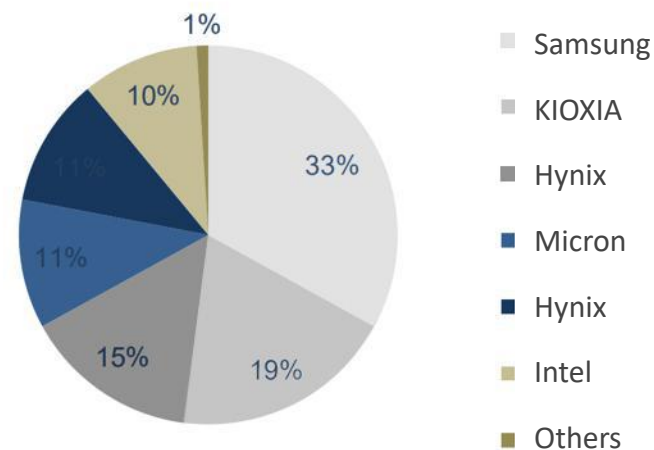
- According to Yole's data, the global NAND memory market will reach US \$53 billion in 2020, with a year-on-year increase of 8.16%. It is expected to maintain sustained growth in the future.
- The global NAND memory market is highly concentrated. According to data from China's flash memory market, the main share of the global NAND memory market in 2020 was dominated by overseas manufacturers such as Samsung (33%), Toshiba (19%) and Western Data (15%), with the top six companies accounting for 99% of the total market.

Changes in global Nand memory market scale



Data source: Yole

2020 NAND market structure



Data source: China flash memory market

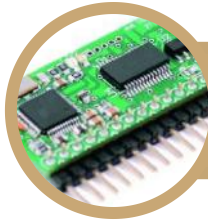
Product Portfolio



Consumer Product

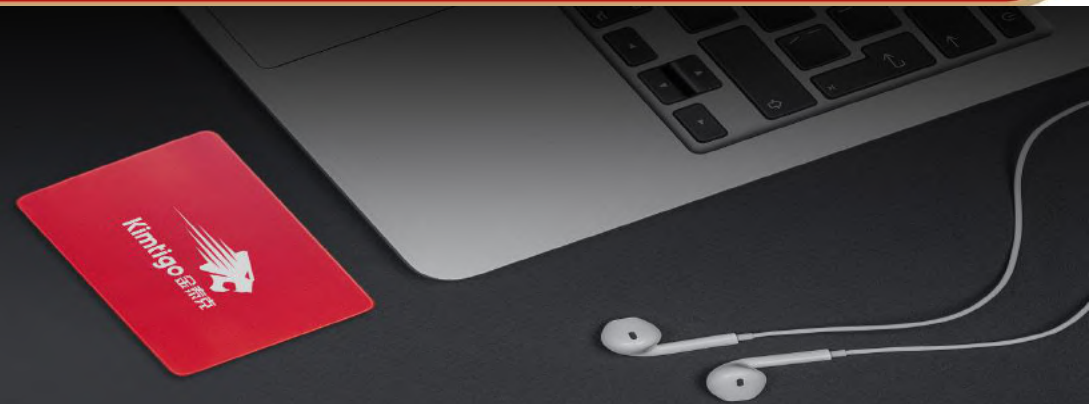


Industrial Product



Embedded Product

Consumer Product



DRAM



DDR 5



DDR 4 Gaming RGB



DDR 4 Gaming



DDR 3/4 Standard Desktop/Laptop

SSD



PCIe Gen3 x4 RGB



PCIe Gen3 X4



M.2 2280 SATA3



2.5" SATA3

Industrial Product



Industrial DRAM



ECC DIMM
DDR3 / DDR4

R DIMM
DDR3 / DDR4

Non-ECC DIMM
DDR3 / DDR4

Industrial SSD



PCIe Gen3x4



M.2 2280 SATA3

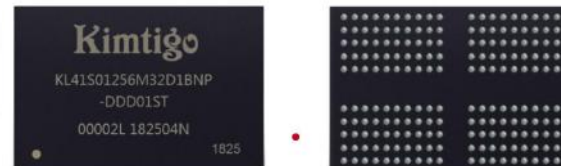


mSATA SATA3

Embedded Product



eMMC 5.1



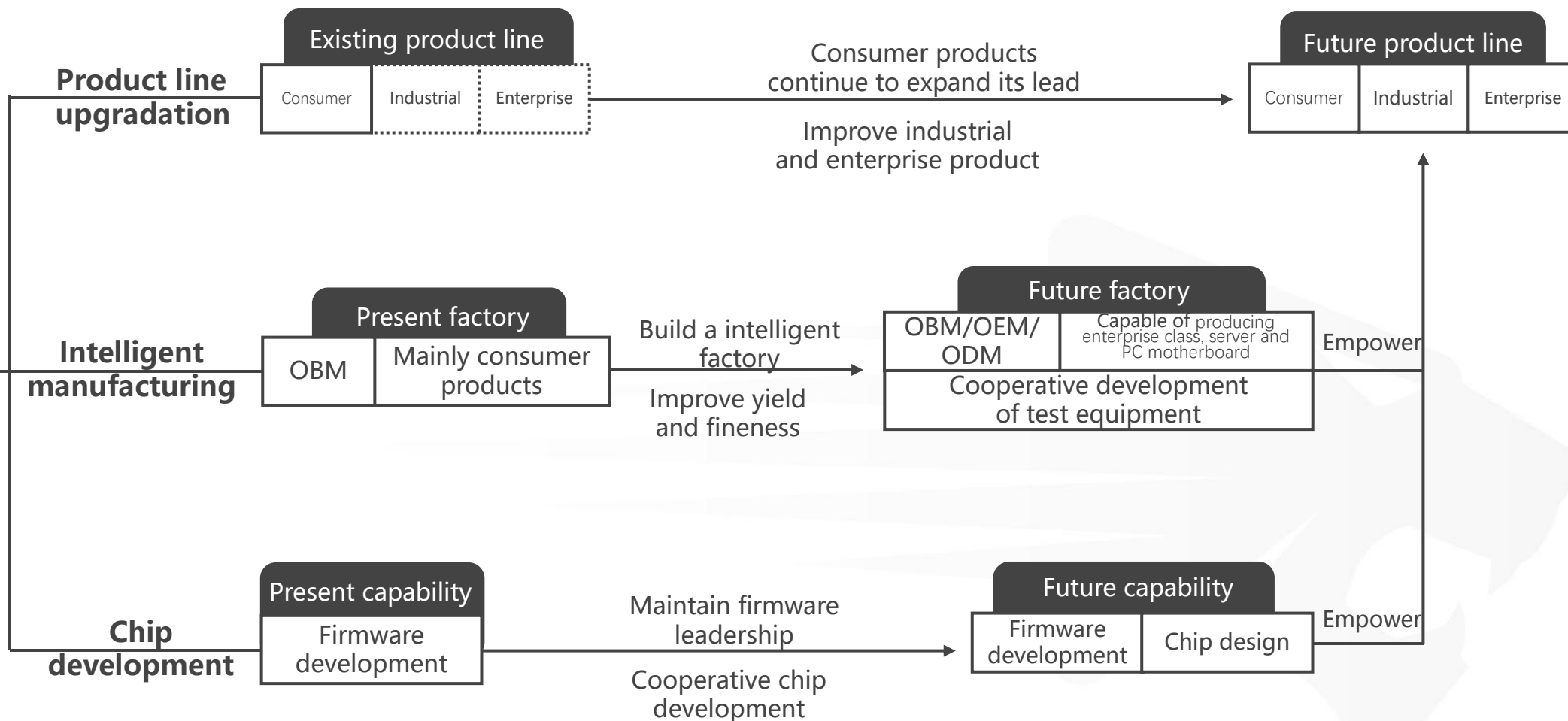
LPDDR4



LPDDR3

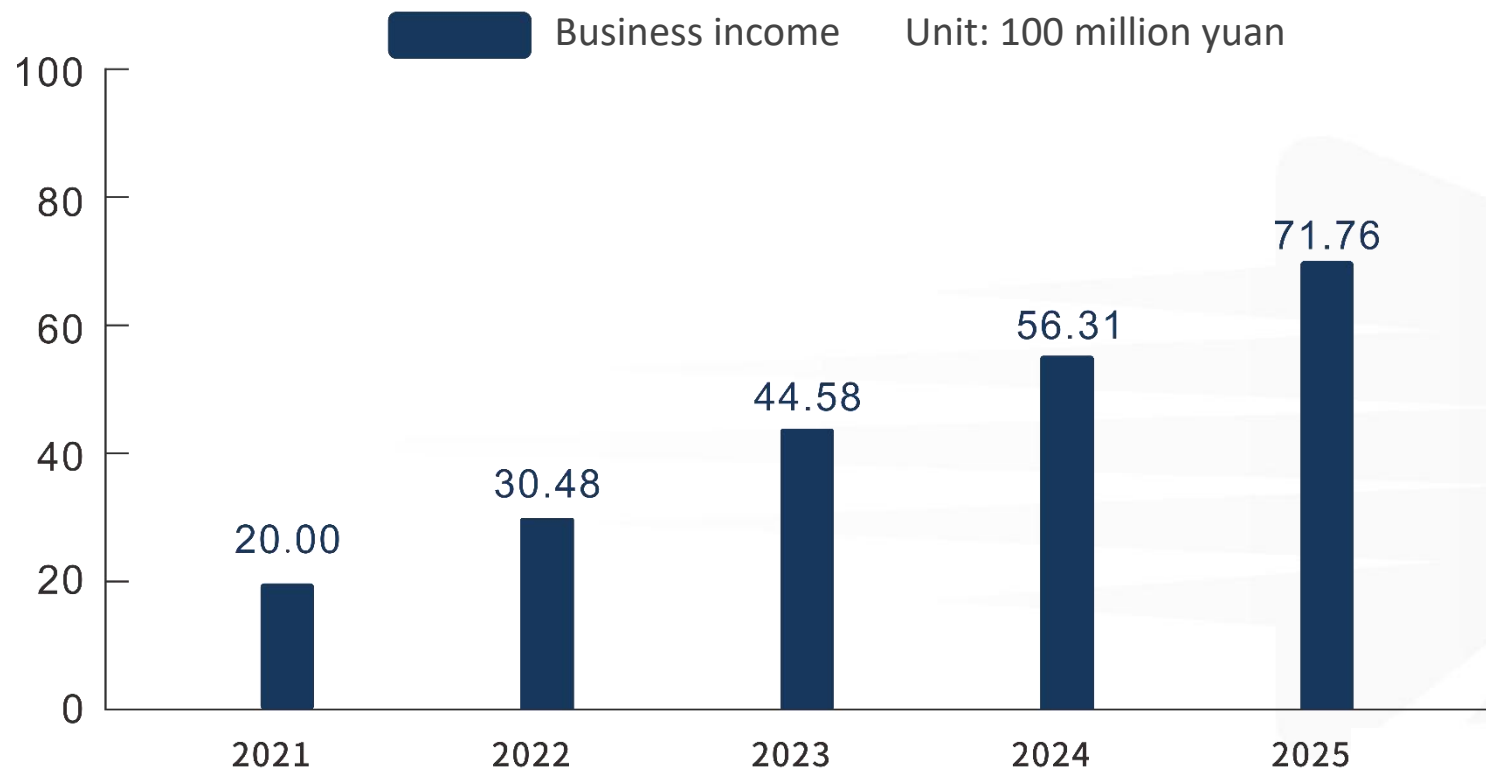
Strategic plan

Develop strategy



Strategic plan

Revenue planning for the next five years



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Values and wishes

MISSION



Accelerate human thinking, leaves beautiful memories for the world

PROSPECT



Trustworthy data memory partner, become the world's top 499

VALUES



Unity、 professionalism、 innovation 、 sharing



Kimtigo

THANKS

