



~60%
lower TCO for
all-flash solution
versus traditional
HDDs¹

Redefining Object Storage for a High-performance All-flash Solution for AI, Big Data and HPC

Baidu AI Cloud has been channeling its advanced technologies and rich experience in public cloud storage into the field of private cloud storage. Through its in-depth partnership with Intel, Baidu AI Cloud has employed high-performance storage system products including Intel® Optane™ SSDs and Intel® SSDs based on Intel® QLC 3D NAND technology to build a brand new, all-flash object storage solution. The new solution has seen breakthroughs in both the areas of storage performance and size, allowing users to better tackle the challenges posed by massive unstructured small files, such as AI training, big data analysis and high-performance computing with its improved storage performance and storage size.

“The combination of Intel® Optane™ SSDs and Intel® SSDs based on Intel® QLC 3D NAND technology has helped our solution yield more optimum results in terms of IOPS. The support from 2nd Gen Intel® Xeon® Scalable processors has crystallized our innovative objectives to process and store more, unearthing the potential of Baidu AI Cloud ABC Storage’s high performance all-flash object storage solution.”

ABC Storage Team, Baidu AI Cloud

Products and Solutions

[2nd Gen Intel® Xeon® Scalable processors](#)

[Intel® Optane™ DC SSD Series](#)

[Intel® SSD DC Series](#)

Industry

Internet Software,
IT Services

Organization Size

10,001+

Country

People's Republic
of China

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