

## Scale-out storage

I/O performance improvement

## Content caching

Access speed improvement

## CAD/CAM

Data read/write acceleration

HUAWEI eKit

# Huawei eKitStor Xtreme 300S

## High-Performance Enterprise SSD

## Database

TPS performance improvement

## Big data

Data sorting acceleration

## HCI

All-SSD acceleration

HUAWEI eKit App

HUAWEI eKit Store

To learn more about Huawei eKitStor products, please contact your local Huawei office or visit Huawei eKitStor website: <http://ekit.huawei.com>.

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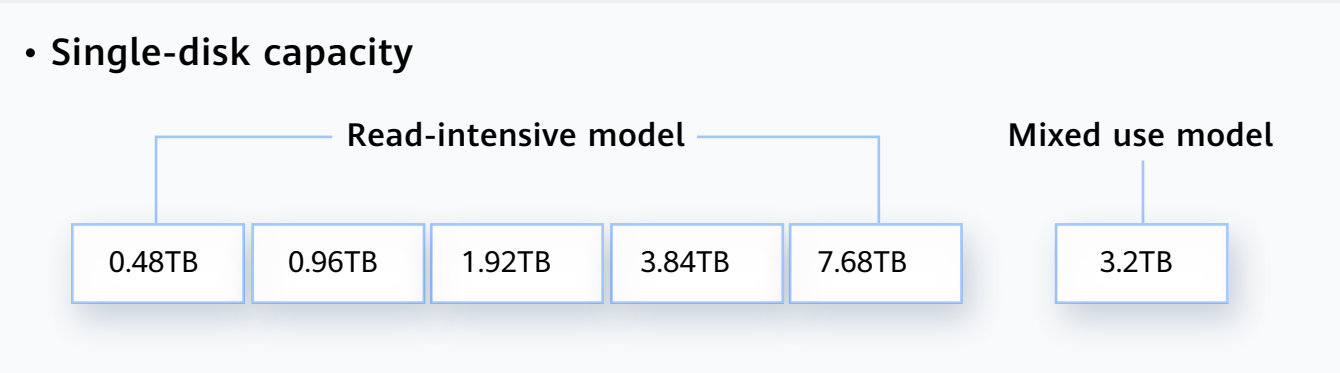
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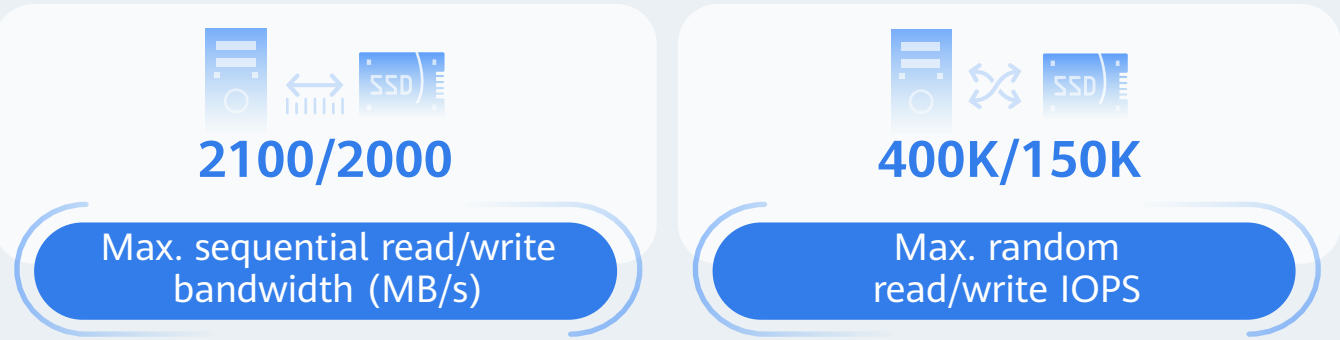


# Huawei eKitStor Xtreme 300S

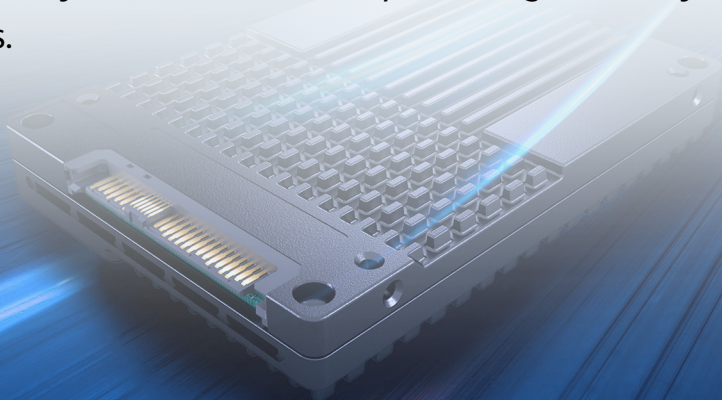
eKitStor Xtreme 300S is an enterprise SAS SSD. It features high performance, fast response, and high reliability, greatly improving storage I/O performance. The SSD can seamlessly fit into mainstream operating systems (OSs) and virtualization systems to enhance performance for database, virtual desktop infrastructure (VDI), and high-performance computing (HPC) applications, helping reduce system TCO.



## Robust Performance



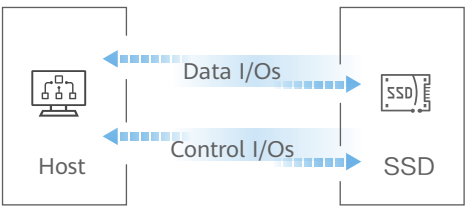
Leveraging the standard SAS 3.0 protocol and advanced hardware-software integration, the SSD provides single- and dual-port auto-adaptation capabilities, achieving high bandwidth and low latency for enhanced data processing efficiency in mission-critical enterprise applications.



# Optimized SSD performance with hardware and software combination

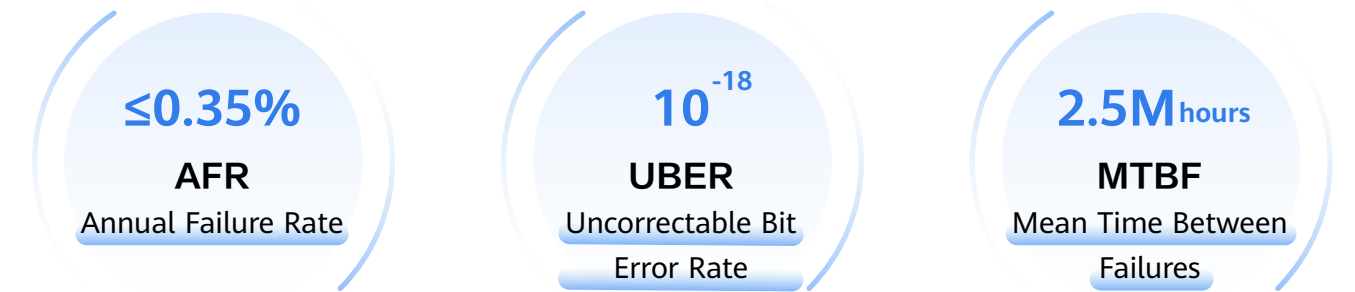
## Microcode-based control channel + Hardware-based data path

The data and control I/O paths are decoupled, which reduces loads on each channel and delivers 10% higher energy efficiency under full load compared to similar products.

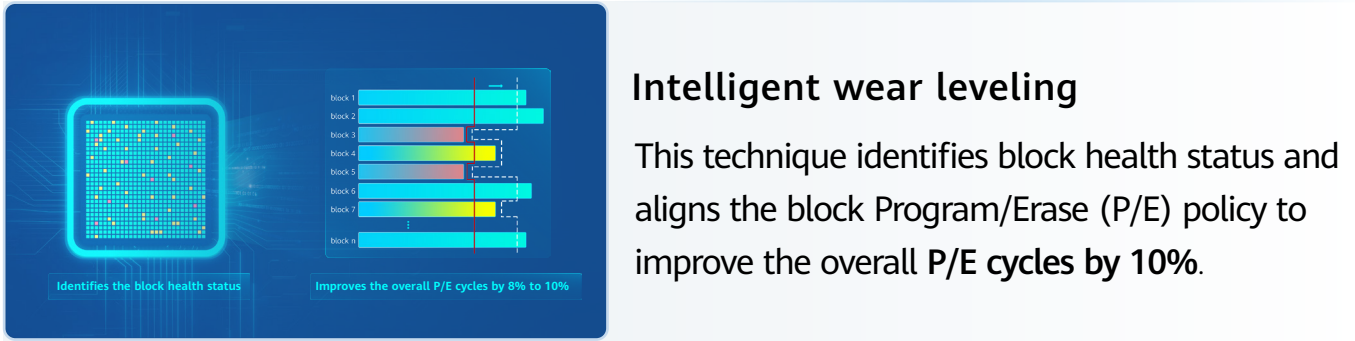
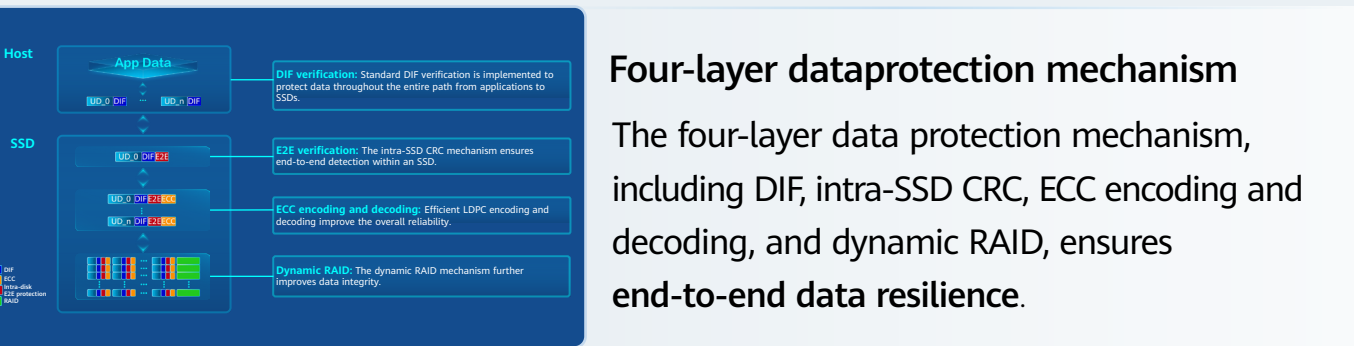


Note: The legend is for demonstration purposes only. The flow has been simplified for clarity.

## Ultimate Reliability



With 20 years of expertise in data storage, Huawei has developed advanced technologies that deliver high stability, durability, and reliable data protection for complex environments and demanding workloads. These advanced technologies include the enhanced Low-Density Parity Check (LDPC) algorithm, intelligent wear leveling, intelligent multi-streaming and reclamation, and end-to-end data protection.



## Intelligent Management

Huawei DiskBooster is an AI-powered O&M tool that reliably predicts failures and lifespan of disks. By detecting slow disks, it reminds IT personnel to replace or repair disks or back up data to improve service performance. This reduces the impact of faulty or sub-healthy disks on services, ensuring data resilience and service continuity.

