

DISTRIBUTED STORAGE SYSTEM AND DATA PROCESSING METHOD

ABSTRACT

This application provides a storage device, a distributed storage system, and a data processing
5 method, and belongs to the field of storage technologies. In this application, an AI apparatus is
disposed inside a storage device, so that the storage device has an AI computing capability. In
addition, the storage device further includes a processor and a hard disk, and therefore further has
a service data storage capability. Therefore, convergence of storage and AI computing power is
implemented. An AI parameter and service data are transmitted inside the storage device through
10 a high-speed interconnect network without a need of being forwarded through an external network.
Therefore, a path for transmitting the service data and the AI parameter is greatly shortened, and
the service data can be loaded nearby, thereby accelerating loading.

15 Figure 2