

ABSTRACT

A network storage device connected with a network fabric includes a network storage controller that performs interfacing with the network fabric and translates and
5 executes a command provided through the network fabric, and a nonvolatile memory cluster that exchanges data with the network storage controller under control of the network storage controller. The nonvolatile memory cluster includes a first nonvolatile memory array connected with the network storage controller through a first channel, a nonvolatile memory switch connected with the network storage controller through a
10 second channel, and a second nonvolatile memory array communicating with the network storage controller under control of the nonvolatile memory switch.

FIG. 1