

ABSTRACT

Provided are a field-programmable gate array structure for implementing out-of-band bridging, an out-of-band bridging system and method, and a server, relating to the field of computer technology, especially a server. The field-programmable gate array structure includes at least two first data interface modules, at least two second data interface modules, and a buffer module. Each first data interface module is matched to a respective in-band data interface module. Each second data interface module is matched to a respective management data interface module. The buffer module is configured to buffer data of the first data interface modules and data of the second data interface modules. Each second data interface module is configured to perform data transmission with at least two first data interface modules through the buffer module.

FIG. 1