ABSTRACT

This application provides a multi-link device communication method. The method may support the IEEE protocols such as 802.11be/Wi-Fi 7/Wi-Fi 8, IEEE 802.11 integrated mmWave, IEEE 802.11bf/sensing, or IEEE 802.15/UWB. The method may also support the NearLink protocol. The method includes: generating a request frame, where the request frame is used to request to roam to a target AP MLD, the request frame includes first indication information, and the first indication information is used to determine the target AP MLD; and sending the request frame to a first AP MLD. In embodiment of this application, the non-AP MLD sends the request frame to the first AP MLD, so that the non-AP MLD roams to the target AP MLD.