

Power adapter usage specifications

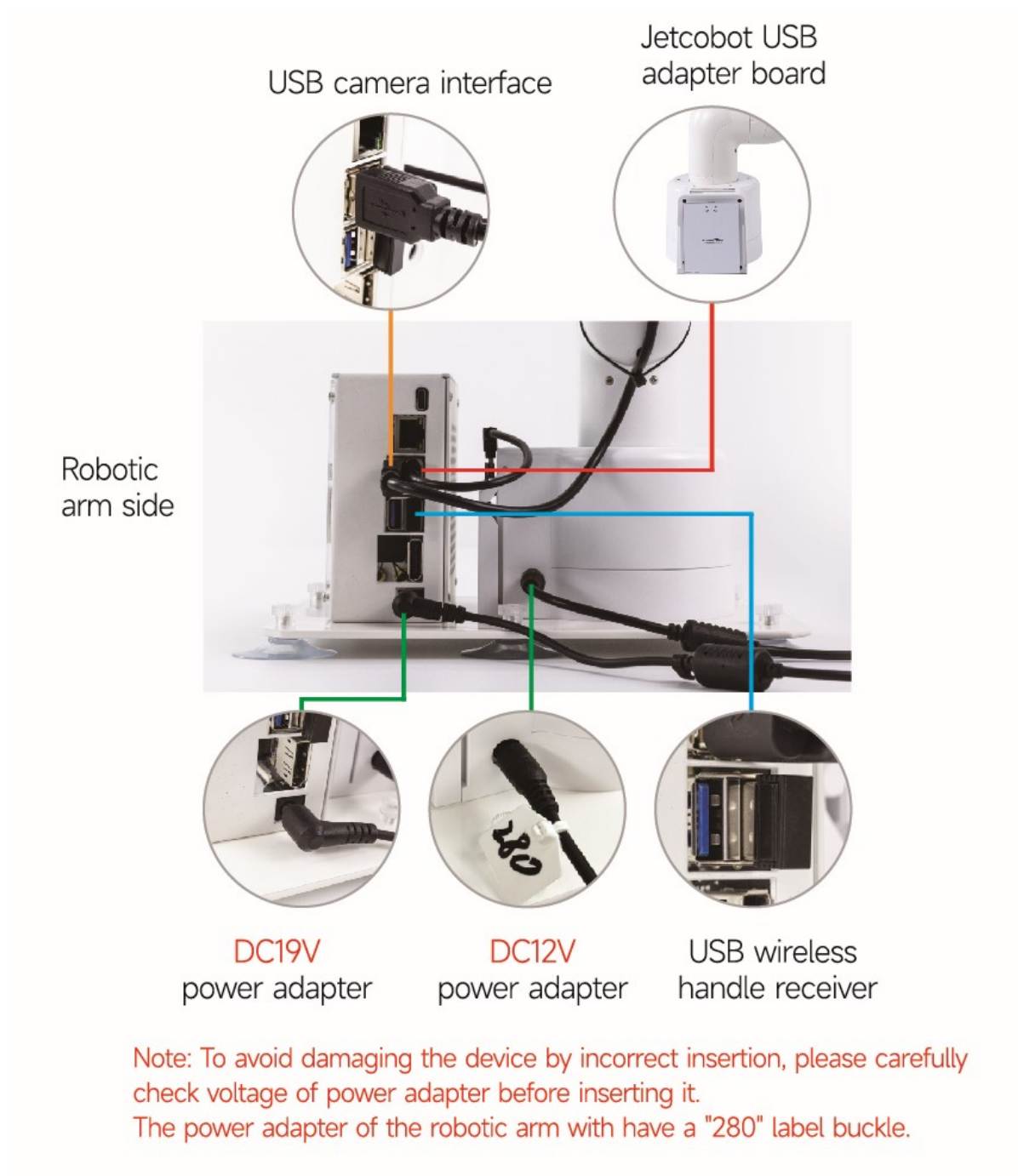
1. It is strictly forbidden to connect devices that exceed the product's usage load.
2. It is strictly forbidden to use power adapters not provided by Yahboom.
3. The power adapter should be disconnected after use, and the power should be turned off when no one is present.
4. Keep away from heat sources, fire sources, and any liquids. Do not use it in moisture or rain. A humid environment may cause short circuit damage to the product.
5. When the power adapter catches fire or smokes, please use sand or dry powder fire extinguishers to put out the fire, and then quickly evacuate to a safe area.
6. If the power adapter is damaged, severely heated, deformed, discolored, has an odor, or any other abnormal phenomenon, it must not be used and contact Yahboom or other agents in time for processing.
7. Please use it in an environment with a temperature of 0°C to 35°C. The stability of the power adapter may decrease at other temperatures.
8. It is strictly forbidden to deliberately puncture, short-circuit, reverse, privately weld, impact, crush, or throw the power adapter.
9. It is forbidden to use the product in strong static electricity and strong magnetic field environments, otherwise it will cause product damage.
10. It is strictly forbidden to modify or modify the hardware circuit board without permission.
11. Do not let children operate the power supply without adult supervision.
12. If the power adapter smokes or gets hot (the shell will crack in severe cases), quickly disconnect the power strip or disconnect the main switch.
13. Different power adapters have different output voltages. Please connect the corresponding power adapter according to different devices.

Note: The Elephant Robot Arm uses a DC 4017 interface power supply, and the corresponding power socket is marked with a "280" label. The Jetson motherboard uses a DC 5521 interface. The sizes of the two power interfaces are different. Please make sure that the device matches the power interface to avoid wrong insertion.

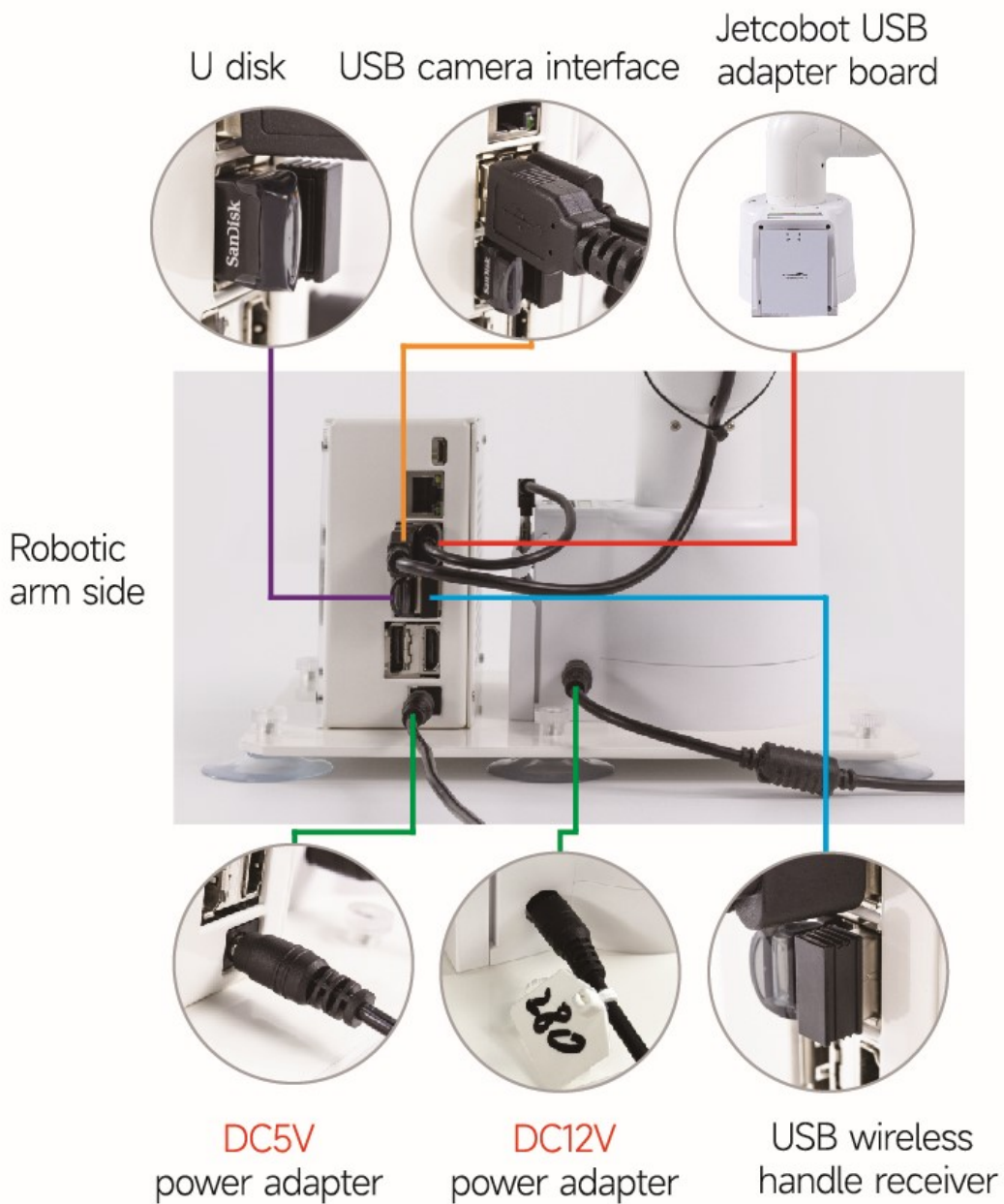
① Partial details of the robot arm interface and power interface



② Schematic diagram of overall wiring of the robot arm (Jetson Orin version)



③ Schematic diagram of overall wiring of the robot arm (Jetson Nano B01 version)



Note: To avoid damaging the device by incorrect insertion, please carefully check voltage of power adapter before inserting it.
The power adapter of the robotic arm with have a "280" label buckle.