Overlord mountain bicycle, model PANAMERA ATX 1.0-D, size 20, is typically the smallest format in which multi-speed gearing is available. This bike is made of a 6061aluminum frame. The advanced 6061 aluminum alloy is considered the most popular alloy in the world's bicycle industry and is made of very strong, resistant, and light aluminum. The main parts of this bike are from the well-known Shimano brand.

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The drivetrain in Overlord model PANAMERA ATX 1.0-D is from the Shimano brand. With the number 21 shifters, 3 chainrings, and 7 cassettes, it will help you pedal better and more easily on mountain roads and uneven environments. The Derailleur and front derailleur is the Shimano Tourney. The tire is from the reliable and high-quality Kenda brand, and the crank is from Prowheel brand made of aluminum.

The brake system of this mountain bikes model is a mechanical disc. In mechanical disc brakes, the brake pad does not move from both sides, but moves from one side and sticks the disc plate to the other pad and leads to braking action with pressure. Log in to learn [How to adjust the bicycle mechanical disc brake](https://shekarigroup.com/%D8%AA%D9%86%D8%B8%DB%8C%D9%85-%D8%AA%D8%B1%D9%85%D8%B2-%D8%AF%DB%8C%D8%B3%DA%A9-%D8%AF%D9%88%DA%86%D8%B1%D8%AE%D9%87/).

The fork in Overlord model PANAMERA ATX 1.0-D is made of ATX-20 lockable aluminum type. Locking a fork allows you to get more speed when riding on the road and smooth paths by locking it.

The use of the accessories of the famous company "Shimano" in the parts is one of the excellent features for providing goods to cyclists in this style, which Overlord has observed in most of its products.

* frame is made of a 6061 aluminum, very strong, resistant, and light
* The drivetrain is from the Shimano brand
* 21 shifters, 3 chainrings, and 7 cassettes
* The fork is ATX-20 lockable aluminum type
* The brake system is a mechanical disc
* The tire is Kenda brand

To get acquainted with the background, goals, and achievements of the overlord, we decided to introduce them on [about overlord](https://shekarigroup.com/%d8%af%d8%b1%d8%a8%d8%a7%d8%b1%d9%87-%d8%a7%d9%88%d8%b1%d9%84%d8%b1%d8%af/)

* bicycles, which size 20, are recommended for kids 6-9 years old, with a height 115-135. Note that in all standard bike sizes, the frame size also changes, to be suitable for use.