3D printing can be time-consuming and challenging, and even today, it’s still not as easy as using a photocopier, but the team at Bambu Lab has taken it upon itself to make a better, easier-to-use 3D printer with the X1 color 3D printer combining LIDAR and AI technology to level the bed, calibrate the prints, and detect anomalies.

The Bambu Lab X1 3D printer supports up to 16 colors, is making removing support easier with snap-away material or dissolvable filament, can handle PC and PA-CF filaments beyond the traditional PLA and PETG filaments, manage up to 500 mm/s prints, and provides better prints with features such as active vibration compensation. Oh, and you don’t need to assemble it, since it comes fully assembled and ready to use out of the box.