

# Creality K1 Max 3D Printer

**LKR 350,011.20 - LKR 370,466.40**



- **6-Month Warranty included** for worry-free operation.
- **Ultra-Fast Printing** - Speeds up to **600 mm/s** with **20,000 mm/s<sup>2</sup> acceleration**.
- **Large Build Volume** - **300 x 300 x 300 mm** for big projects and multiple prints at once.

- **AI-Powered Precision – Auto bed levelling with LiDAR and AI camera monitoring.**
- **High-Temperature Printing** – Nozzle heats up to **300°C**, compatible with **PLA, ABS, PETG, TPU, and more.**

## **Creality K1 Max 3D Printer: Unleash High-Speed Precision**

Imagine bringing your ideas to life at lightning speed without compromising quality. The **Creality K1 Max** 3D Printer is designed to do just that, offering a blend of rapid performance and meticulous detail. With a spacious 300 x 300 x 300 mm build volume, it's perfect for both hobbyists and professionals looking to tackle large projects or multiple models simultaneously.

### **Exceptional Speed and Performance**

The K1 Max redefines efficiency with its remarkable printing speed of up to 600 mm/s, significantly reducing production time. Its nimble Core XY structure, combined with a lightweight 190g printhead, ensures swift and precise movements. A dual-core 1.2GHz CPU powers the system, enabling seamless high-speed printing. Plus, the 8GB of internal storage can hold up to 400 model files, making it easy to manage your projects directly from the printer.

### **Smart Features for Hassle-Free Printing**

At *Master3D*, we understand the importance of user-friendly technology. The K1 Max comes equipped with AI LiDAR and an AI camera that monitor the printing process in real-time, detecting issues like spaghetti failures or foreign objects, and providing timely alerts. The hands-free auto-leveling feature, powered by strain sensors in the heatbed, ensures your prints start on the right foot every time. Additionally, the printer's connectivity options, including Wi-Fi and Ethernet, allow for remote monitoring and control via PC or smartphone, making it a versatile addition to any workspace.

### **Key Specifications:**

- **Build Volume:** 300 x 300 x 300 mm
- **Maximum Print Speed:** 600 mm/s
- **Hot end Temperature:** Up to 300°C
- **Automatic Bed Levelling:** Yes, with AI LiDAR and strain sensors

- **Connectivity:** Wi-Fi, Ethernet, USB

## FAQs

### 1. **Q. What materials are compatible with the Creality K1 Max?**

A. The K1 Max supports a wide range of filaments, including PLA, ABS, PETG, TPU, and various composite materials, thanks to its high-temperature hot end and robust build platform.

### 2. **Q. Is the printer difficult to set up for beginners?**

A. Not at all. The K1 Max comes pre-assembled and calibrated. With its boot-up quick guide and one-tap self-test feature, you can start printing right out of the box.

### 3. **Q. How does the AI monitoring system benefit my printing projects?**

A. The integrated AI LiDAR and camera continuously monitor your prints, detecting potential issues early. This proactive approach minimizes errors and material waste, ensuring high-quality results with every project.

Embrace the future of 3D printing with the **Creality K1 Max** from *Master3D*, where speed meets precision in perfect harmony.

Specification	Details
<b>Brand</b>	Creality
<b>Model</b>	K1 Max
<b>Build Volume</b>	300 x 300 x 300 mm
<b>Printing Speed</b>	Up to 600 mm/s
<b>Acceleration</b>	20,000 mm/s <sup>2</sup>
<b>Layer Resolution</b>	0.1 - 0.35 mm
<b>Extruder Type</b>	Direct Drive
<b>Nozzle Temperature</b>	Up to 300°C
<b>Bed Temperature</b>	Up to 100°C
<b>Hotend Type</b>	High-flow hotend
<b>Bed Leveling</b>	AI-powered auto bed leveling with LiDAR
<b>Filament Compatibility</b>	PLA, ABS, PETG, TPU, Nylon, Carbon Fiber
<b>Filament Diameter</b>	1.75 mm
<b>Connectivity</b>	Wi-Fi, Ethernet, USB
<b>Storage</b>	8GB Internal Storage (Approx. 400 Models)
<b>Control Interface</b>	4.3-inch Touchscreen
<b>AI Features</b>	AI LiDAR Scanning, AI Camera Monitoring
<b>Frame Material</b>	Metal Frame

Specification	Details
<b>Enclosure</b>	Fully Enclosed
<b>Cooling System</b>	Dual Cooling Fans
<b>Power Supply</b>	350W
<b>Supported File Types</b>	STL, OBJ, 3MF
<b>Compatible Software</b>	Creality Print, Cura, PrusaSlicer
<b>Machine Dimensions</b>	Approx. 435 x 462 x 526 mm
<b>Weight</b>	Approx. 22.3 kg

**Disclaimer:** Dimensions and weight may vary slightly. Product images are for reference only and may differ from the actual product.