

# Creality K1 Max 3D Printer

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



## Creality Authorised Reseller

- **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

Specification	Details
<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
<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.