Creality K2 Plus – Next-Gen IDEX 3D Printer with AI, Lidar & Dual Extrusion

Product Description:

The Creality K2 Plus is the future of desktop 3D printing: intelligent, independent, and insanely capable. With its IDEX (Independent Dual Extruder) system, the K2 Plus unlocks multi-material printing, duplication, mirror mode, and soluble supports—all with speed and precision.

Backed by Klipper firmware, AI-enhanced failure detection, a smart LiDAR sensor, and CoreXY kinematics, the K2 Plus makes high-performance 3D printing easier, faster, and cleaner. Whether you're running two jobs at once or building intricate dual-color prototypes, this machine is built to outperform and impress.

Specifications:

Feature	Details
Build Volume	350 x 350 x 400 mm (TBC)
Extruder Type	IDEX (Independent Dual Extruder)
Nozzle Size	0.4mm (interchangeable)
Print Speed	Up to 600mm/s
Acceleration	Up to 20,000mm/s^2
Filament Compatibility	PLA, TPU, ABS, PETG, PA, Carbon Fiber, Support Filament
Auto-Leveling	AI LiDAR + Strain Gauge Combo
Motion System	CoreXY
Control Board	Klipper-based (Creality OS)
Connectivity	Wi-Fi, USB, LAN
Camera	AI Camera with Spaghetti Detection & Timelapse
Display	5" HD Touchscreen
Enclosure	Fully Enclosed with Air Filtration (TBC)

Contents:

- Creality K2 Plus 3D Printer (mostly assembled)
- Dual PEI Magnetic Build Plates
- Power Cable
- USB Flash Drive
- Tool Kit
- 2x Printhead Modules
- Filament Samples
- Spare Nozzles
- User Manual

Applications:

- Multi-material prototyping
- Soluble support structures
- Dual-color printing
- Mirror/Duplication mode production
- Professional design & engineering prints
- Complex functional assemblies

Features and Benefits:

- IDEX Dual Extrusion: Print with two materials or two colours—independently.
- CoreXY Motion: Ultra-fast and precise even with large prints.
- AI Camera & Lidar: Auto-bed leveling, failure detection, and smart diagnostics.
- Klipper Control: Lightning-fast input shaping and remote control.
- Mirror/Duplicate Modes: Double your output or cut prototyping time.
- Advanced Filament Compatibility: From PLA to carbon fiber and beyond.
- Smart UI: 5" touchscreen and cloud connectivity make printing effortless.

Packaging:

The K2 Plus comes safely packaged in dual-density foam and a reinforced outer box. Each unit is partially pre-assembled for fast setup and comes with clear instructions to get started right away.