



snapmaker

2.0 - A250

SMARTER, LARGER, AND MORE POWERFUL.

Unlock your full creative potential from 3D printing to laser engraving, cutting and CNC carving.

230 x 250 x 235 mm



MAIN FEATURES

3D PRINTING

Allows you to print almost anything for your creative projects: from common applications to objects with specific mechanical properties, such as toughness, durability, and flexibility. Snapmaker 2.0 can do it all!

Laser Engraving & Cutting

A wide variety of materials you find in daily life are laser engravable or cuttable, including paper, plywood, leather, acrylic, cardboard, paper, fabric, even food like cookies & coconuts!

CNC Carving

CNC carving is ideal for precisely carving or cutting hard materials creative projects: hardwood, PCB, acrylic, POM, carbon fiber sheet, and many more materials.

Wi-Fi Connectivity

With the Wi-Fi feature and the USB port, you can upload designs and print with touch of a button. Update the firmware over Wi-Fi directly.

Laser (Built-in Camera)

Preview your design with whatever material you use. What you see is what you get!

SNAPMAKER 2.0 - A250 SPECIFICATIONS

MACHINE SIZE	600 x 510 x 490 MM	3D PRINTING BUILD VOLUME	230 x 250 x 235 MM
COLOR TOUCHSCREEN	5", ANDROID OS	HEATED BED TEMPERATURE	UP TO 100°C
FRAME MATERIALS	ALUMINUM ALLOYS	NOZZLE TEMPERATURE	UP TO 275°C
FILE TRANSFER	WI-FI, USB DISK, USB CABLE	NOZZLE DIAMETER	0.4 MM
POWER REQUIREMENT	100-240V AC	LAYER RESOLUTION	50-300 MICRONS
SUPPORTED OS	MACOS, WINDOWS, LINUX	SUPPORTED MATERIALS	PLA, ABS, PETG, TPU
		SUPPORTED FILE TYPES	STL, OBJ
LASER WORK AREA	230 x 250 MM	CNC WORK AREA	230 x 250 x 180 MM
LASER POWER	1.6W	SHANK DIAMETER	0.5mm-6.35mm
WAVELENGTH	450NM	SPINDLE SPEED	6000-12,000 RPM
SAFETY CLASS	CLASS 4	SUPPORTED MATERIALS	WOOD, ACRYLIC, PCB, CARBON FIBER SHEET, JADE, ETC.
LASER SUPPORTED MATERIALS	WOOD, LEATHER, PLASTIC, FABRIC, PAPER, NON-TRANSPARENT ACRYLIC, ETC	SUPPORTED FILE TYPES	SVG, STEP, IGES, IGS, DWG, DXF, ETC.
LASER SUPPORTED FILE TYPES	SVG, JPEG, PNG, JPG, BMP AND DXF		
MODULAR DESIGN	YES	CNC BITS	ER11 COLLET (SUPPORT OVER 100 BITS)
ADD-ON MODULES	COMING SOON (ENCLOSURE, ROTARY MODULE, HIGHER POWER LASER	WATERBOARD & CLAMPING KITS FOR CNC	YES
MODULE, LEVELING	AUTOMATIC	WARRANTY	1 YEAR
FILAMENT RUNOUT RECOVERY	YES	ONLINE VIDEO TUTORIALS	YES
POWER LOSS RECOVERY	YES	SUITABLE FOR	HOBBYISTS, PROFESSIONALS, BUSINESSES, K12 SCHOOLS, UNIVERSITIES
WI-FI CONNECTIVITY	YES		
BUILD-IN CAMERA (FOR LASER)	YES		