

Artillery M1 Pro - Technical Specifications

Printer	Artillery M1 Pro
Printing Technology	FFF, FDM, MEM Printing Technology
Filament Diameter	1.75mm
Printing Accuracy	±0.1mm
Nozzle Diameter	(Standard) 0.4mm, (Optional) 0.2mm, 0.6mm, 0.8mm
Maximum Speed	600 mm/s
Maximum Acceleration	20,000 mm/s ²
Maximum Flow Rate	35 mm ³ /s
Transmission Ratio	65:9
Maximum Hotend Temperature	320°C
Maximum Chamber Temperature	60°C
Maximum Print Platform Temperature	120°C
Heating Heating Method	Aluminum Base
Build Volume	260×260×260 mm ³
Product Dimensions	437×389×494 mm
Package Dimensions	475×450×570 mm
Package Weight	21.5kg
Rated Voltage	100-120 VAC/200-240 VAC, 50/60 Hz
Rated Power	1150W
Vibration Compensation	Support
Auto-Leveling	Support
Chamber LED Lighting	Yes

Filament Runout Detection	Yes
Empty Print Detection	Yes
Screen	4.3-inch Touchscreen
AI Camera	Time lapse + Spaghetti + Foreign Object Detection
Nozzle	Hardened Steel Nozzle
Hotend	All-Metal
Extruder Gears	Hardened Steel (55HRC)
Build Plate Surface Compatibility	Textured PE Plate (Cooling Plate/Engineering Plate/High-Temperature Plate)
Main Frame	Die-cast Aluminum and Aluminum Profiles
Enclosed Case	ABS and Glass
Printing Materials	PLA, PETG, TPU, PVA, PET, ABS, ASA, PA, PC, PLA-CF, PETG-CF, PET-CF, PA-CF, PA6-CF, PPA-CF
Parts Cooling Fan	Open-Loop Control
Chamber Temperature Regulator Fan	Closed-Loop Control
Hotend Fan	Closed-Loop Control
Auxiliary Cooling Fan	Closed-Loop Control
Air Filter	Honeycomb Activated Carbon Filter (Internal and External Circulation)
Communication	Wi-Fi
Storage	8GB EMMC + 8GB MicroSD Card
Control Interface	Touchscreen, PC Application
Software Compatibility	Orca Slicer, Artillery Slicer
Software Updates	OTA + SDCard
Supported File Formats	STL, OBJ, 3MF