

Pro3 Series Technical Specifications

| Printer | Pro3 | | | Pro3 Plus | | |
|----------------------|--|--|---|------------------------------------|--|---|
| Build Volume (W×D×H) | Single Extruder Print | Dual Extruder Print | | Single Extruder Print | Dual Extruder Print | |
| | 300×300×300 mm | 255×300×300 mm | | 300×300×605 mm | 255×300×605 mm | |
| Machine Size (W×D×H) | 620×626×760 mm | | | 620×626×1105 mm | | |
| Weight | Net Weight | Gross Weight <small>(Carton Only)</small> | Gross Weight <small>(Carton with Pallet)</small> | Net Weight | Gross Weight <small>(Carton Only)</small> | Gross Weight <small>(Carton with Pallet)</small> |
| | 52.5 Kg | 76.6 Kg | 84.55 Kg | 61.15 Kg | 87.45 Kg | 95.4 Kg |
| Electrical | Power Supply Input 100-240 V AC, 50/60Hz 230 V @ 3.3 A | | | Power Supply Output 24 V DC, 600 W | | |
| General | <p>Print Technology FFF</p> <p>Print Head System Dual-head with electronic lifting system</p> <p>Filament Diameter 1.75 mm</p> <p>XYZ Step Size 0.78125, 0.78125, 0.078125 micron</p> <p>Print Head Travel Speed 30-150 mm/s</p> <p>Build Plate Flexible Steel Plate with BuildTak</p> <p>Max Build Plate Temperature 120 °C</p> <p>Heated Bed Material Silicone</p> <p>Build Plate Leveling Mesh-leveling with Flatness Detection</p> <p>Filament Run-out Sensor Available</p> <p>Supported Materials PLA/ ABS/ HIPS/ PC/ TPU/ TPE/ PETG/ ASA/ PP/ PVA/ Nylon/ Glass Fiber Infused/ Carbon Fiber Infused/ Metal Fill/ Wood Fill</p> <p>Layer Height 0.01 - 0.25mm</p> <p>Nozzle Diameter 0.4 mm (Default), 0.2/ 0.6/ 0.8/ 1.0 mm (Available)</p> <p>Max Nozzle Temperature 300 °C</p> <p>Connectivity Wi-Fi, LAN, USB port, Live camera</p> <p>Noise Emission (Acoustic) < 55 dB (A) when building</p> <p>Operating Ambient Temperature 15 - 30 °C, 10 - 90% RH non-condensing</p> <p>Storage Temperature -25 to +55 °C, 10 - 90% RH non-condensing</p> <p>Filter HEPA filter with activated charcoal</p> <p>EVE Smart Assistant Available</p> | | | | | |
| Software | <p>Slicing Software ideaMaker</p> <p>Supported File Types STL/ OBJ/ 3MF/ OLTP</p> <p>Supported OS Windows/ macOS/ Linux</p> <p>Machine Code Type GCODE</p> | | | | | |
| Printer Controller | <p>User Interface 7-inch Touch Screen</p> <p>Network Wi-Fi, Ethernet</p> <p>Power Loss Recovery Available</p> <p>Screen Resolution 1024×600</p> <p>Motion Controller Atmel ARM Cortex-M4 120MHz FPU</p> <p>Logic Controller NXP ARM Cortex-A9 Quad 1 GHz</p> <p>Memory 1 GB</p> <p>Onboard Flash 8 GB</p> <p>OS Embedded Linux</p> <p>Ports USB 2.0*2, Ethernet*1</p> | | | | | |