

ORIGINAL PRUSA MINI+ TECHNICAL PARAMETERS

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|---------------------------|--|
| Build volume | 18×18×18 cm / 7×7×7 in |
| Layer height | 0.05 – 0.25 mm |
| Max hotend/heatbed temp. | 280 °C / 100 °C (500 °F / 212 °F) |
| Controller | Custom 32-bit Buddy electronics with STM32 and latest Trinamic 2209 silent stepper drivers |
| Extruder | Bowden system with 3:1 gearing |
| LCD screen | 2.8" graphic 65k color screen |
| Print surface | removable magnetic heatbed / PEI spring steel sheets |
| Filament diameter | 1.75 mm |
| Supported materials | Any thermoplastic except Carbon filled |
| Nozzle diameter | 0.4 mm (default) / other nozzle diameters supported |
| Filament sensor | Optional upgrade |
| Ethernet connection | Yes |
| Wi-Fi connection | As a separate upgrade |
| Advanced sensors | 3 thermistors + SuperPINDA, RPM monitoring |
| Calibration | Automatic, Mesh Bed Leveling |
| Print medium | Offline via USB drive and LAN, Online via Prusa Connect |
| Firmware update interface | USB drive / LAN |
| PSU | 150W, external adapter by Delta |

ORIGINAL PRUSA MINI ENCLOSURE

The Enclosure is an optional accessory that encloses your 3D printer and provides a stable printing environment with increased temperatures. This makes printing from advanced materials, such as PCCF, Nylon, PP, ASA, and many others, easier as it eliminates drafts and prevents the warping of printed objects. The Enclosure also lowers printer noise and covers every moving part of your printer, increasing its safety.

MINI+ & ENCLOSURE DISCOUNTED BUNDLE AVAILABLE



The Enclosure can be equipped with various optional add-ons, such as the Advanced Filtration System or a mechanical lock, which prevents unauthorized access to your 3D printer – an ideal solution for schools, hackerspaces, and other public places. You can also install an LED Strip to illuminate the print area and a self-contained tube-style fire suppression system.

PRUSA RESEARCH

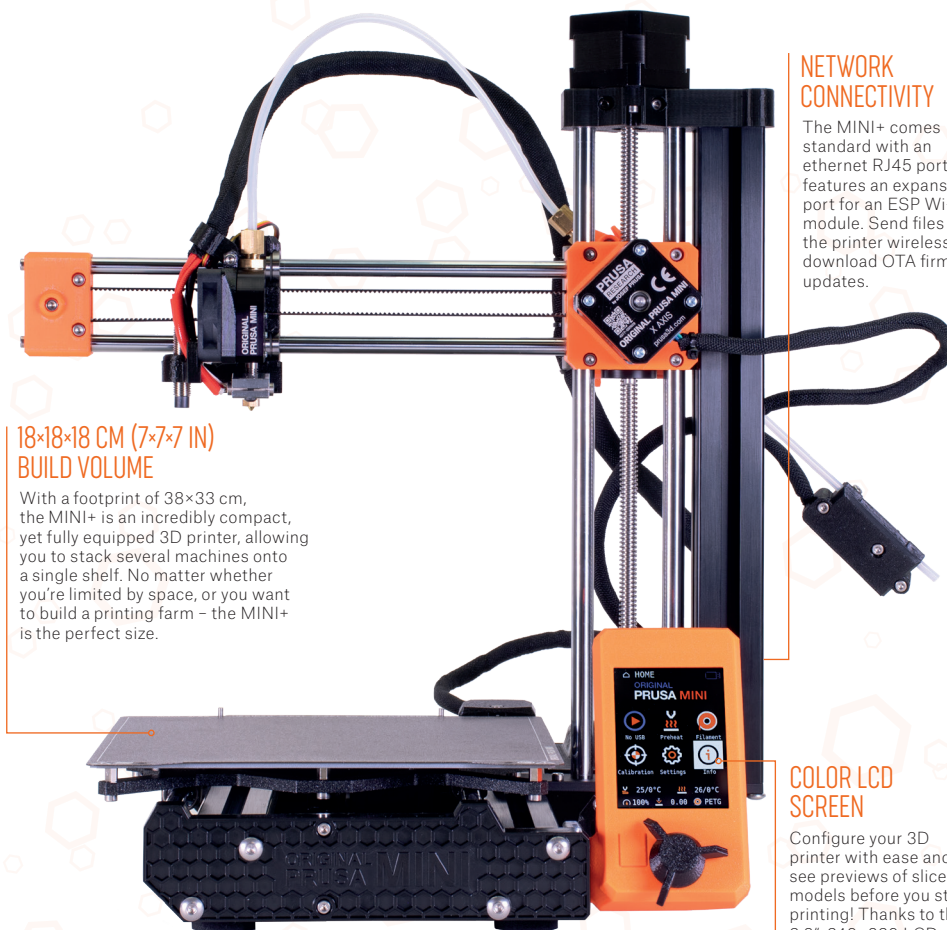
Prusa Research is a 3D printing developer and manufacturer based in Prague, Czech Republic. The company was established by Josef Prusa in 2012. This small start-up grew quickly and there are over 1,000 people working for Prusa Research right now. The Prusa i3 design quickly became the no. 1 in the world (according to 3D Hubs) and every month, Prusa Research ships over 10,000 3D printers to over 160 countries worldwide.

DOWNLOAD E-BOOK:
BASICS OF 3D PRINTING
with Josef Prusa



ORIGINAL PRUSA MINI+

SMART AND COMPACT 3D PRINTER FOR EVERYONE!



18×18×18 CM (7×7×7 IN) BUILD VOLUME

With a footprint of 38×33 cm, the MINI+ is an incredibly compact, yet fully equipped 3D printer, allowing you to stack several machines onto a single shelf. No matter whether you're limited by space, or you want to build a printing farm – the MINI+ is the perfect size.

NETWORK CONNECTIVITY

The MINI+ comes standard with an ethernet RJ45 port and features an ESP Wi-Fi module. Send files to the printer wirelessly, or download OTA firmware updates.

COLOR LCD SCREEN

Configure your 3D printer with ease and see previews of sliced models before you start printing! Thanks to the 2.8", 240×320 LCD screen with 65,000 colors, each option is just a few clicks away.

PRUSA RESEARCH
by JOSEF PRUSA

PRUSA3D.COM | PRINTABLES.COM | INFO@PRUSA3D.COM | 24/7 LIVECHAT

SMART STARTER PRINTER

AFFORDABLE SECONDARY PRINTER

RELIABLE PRINTING FARM WORKHORSE

GEARED EXTRUDER

To decrease the weight of the extruder, we moved the extruder motor onto the Z-axis column. Using a 3:1 drive gear ratio, the printer pushes the 1.75 mm filament strand through a PTFE tube into the hotend and through the 0.4 mm nozzle.

SAFETY FEATURES

Besides three thermistors, fan RPM monitoring and firmware safety features, the MINI+ comes with a certified high-quality external PSU from a renowned manufacturer for safe and reliable operation.

REMOVABLE FLEXIBLE PRINT SHEETS

Removing a print has never been easier! With the magnetic heatbed and removable spring steel sheets, you can remove a printed object merely by bending the steel sheet. The surface is easy to maintain and comes in two variations: smooth and textured.



COMPACT SIZE

With an 18×18×18 cm (7×7×7 in) build volume, the MINI is a fully-equipped 3D printer featuring sensorless homing, automatic Mesh Bed Leveling, replaceable nozzles, network connectivity, USB printing and a full-color LCD screen. The MINI+ is a big printer in a small body.

ONE-CLICK PRINTING

Once you insert a USB drive with a sliced object, a new menu with object preview window appears. Confirm the selection with a single click of the control wheel and watch the printer do the rest for you.

32-BIT CONTROLLER STM32

The MINI is powered by our own internally developed 32-bit Buddy motherboard which enables advanced features, such as super-fast printing with Input Shaper and Pressure Advance. You can also upload print files remotely from PrusaSlicer or via Prusa Connect. Online connection is optional.

5 REASONS WHY YOU WANT THE ORIGINAL PRUSA MINI+

1 FANTASTIC PRICE/ PERFORMANCE RATIO

We designed the MINI+ to be a true 3D printing workhorse. Its compact dimensions make it an ideal option for print farm where you can produce all kinds of parts at a rapid pace thanks to Input Shaper support. And the affordable price makes the MINI+ a great first 3D printer for everyone.

2 GREAT 24/7 SUPPORT

We are working hard to help you start 3D printing as soon as possible. We provide full 24/7 customer support with live chat and e-mail in seven languages. You can also visit our community forum and knowledge base. The MINI+ is manufactured in Prague, Czech Republic, with a full international warranty.

3 SIMPLE 3-PIECE ASSEMBLY

The Original Prusa MINI+ 3D printer features a streamlined design, while retaining the same level of reliability as the rest of the Original Prusa family. The pre-assembled printer comes separated into 3 parts – assemble them together, run the calibration and you're ready to print!

4 READY TO PRINT SETTINGS

Original Prusa MINI+ is fully supported by our own open-source slicing software, PrusaSlicer. It is a feature-rich, frequently updated tool that contains everything you need to export perfect print files. We provide fine-tuned profiles for all supported materials.

5 OPEN-SOURCE DESIGN AND GREAT COMMUNITY

All parts of our printer are open-source. The community around our printers is huge and the feedback is overwhelmingly positive – just check the Facebook groups or YouTube videos! There's so much to do with your 3D printer – buying it is just the beginning!