

QIDI Max4

Technical Specification

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Temperature Measurement Unit Nozzie Diameter Nozzie Diameter Filament Cutter Printing Filament Includes Build Plate Type Double-acided PEI Magnetic Build Plate Supported Build Plate Type Testured PEI plate, Smooth PEI Plate, Cool Plate Hot Beet Temperature Supported Build Plate Type Testured PEI plate, Smooth PEI Plate, Cool Plate Hot Beet Temperature Supported Build Plate Type Testured PEI plate, Smooth PEI Plate, Cool Plate Hot Beet Temperature Supported Build Plate Type Testured PEI plate, Smooth PEI Plate, Cool Plate Hot Beet Temperature Alto Filament Mooth Mooth Plate Type Mooth Plate Alto Plate Alto Filament Auxiliary Part Cooling Fern Alto Filament Chamber Crutation Fern Chamber Cooling Fern Alto Filament Chamber Crutation Fern Chamber Cooling Fern Alto Filament Alt filter 3-th Air Filter GS Pie-Filter + H12 HEFA + Coopurus Shell Addivisated Cambon Testured Cooling PAA PETG ABS, ASA, TPU, Supporter Fern, Air Supporter Fern Supporter Fern, Air Supporter Fern Supporter Fern Air Supp
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Filament Cutter Yes Filament Cutter Yes Filament Cutter Yes Filament Dumeter Filament Peter by Filament Filam
Filament Diameter 1.75mm Automater 1.75mm Automater Plate Silacone Headed Bed Included Build Plate Type Doubte-sided PEM Registor Build Plate Doubte-sided P
Printing Platform Aluminum Plate Silicone Heated Bad
Hot Bed Supported Build Plate Type Double-sided PEI Magnetic Build Plate Supported Build Plate Type Textured PEI plain, Smooth PEI Plate, Cool Plate Hot Bed Temperature \$120°C Status RGB LED Yes Max Speed Massimum Printing Acceleration, Maximum Printing Acceleration, Ander Cooling Fan A-Pin PWM Fan with RPM Feedback Audiain Part Cooling Fan A-Pin PWM Fan with RPM Feedback Auxilian Part Cooling Fan A-Pin PWM Fan with RPM Feedback Auxilian Part Cooling Fan A-Pin PWM Fan with RPM Feedback Auxilian Part Cooling Fan A-Pin PWM Fan with RPM Feedback Auxilian Part Cooling Fan A-Pin PWM Fan with RPM Feedback Auxilian Part Cooling Fan A-Pin PWM Fan with RPM Feedback Auxilian Part Cooling Fan A-Pin PWM Fan with RPM Feedback Auxilian Part Cooling Fan A-Pin PWM Fan with RPM Feedback Auxilian Part Cooling Fan A-Pin PWM Fan with RPM Feedback Auxilian Part Cooling Fan A-Pin PWM Fan with RPM Feedback Auxilian Part Cooling Fan A-Pin PWM Fan with RPM Feedback Auxilian Part Cooling Fan A-Pin PWM Fan with RPM Feedback Auxilian Part Cooling Fan A-Pin PWM Fan with RPM Feedback Auxilian Part Cooling Fan A-Pin PWM Fan with RPM Feedback Auxilian Part Cooling Fan A-Pin PWM Fan with RPM Feedback Auxilian Part Cooling Fan A-Pin PWM Fan with RPM Feedback Auxilian Part Cooling Fan A-Pin PWM Fan with RPM Feedback Auxilian Part Cooling Fan A-Pin PWM Fan with RPM Feedback PAIR PETG Cooling Fan A-Pin PWM Fan with RPM Feedback PAIR PETG Cooling Fan A-Pin PWM Fan with RPM Feedback PAIR PETG Cooling Fan A-Pin PWM Fan with RPM Feedback PAIR PETG Cooling Fan A-Pin PWM Fan with RPM Feedback PAIR PETG Cooling Fan A-Pin PWM Fan with RPM Feedback PAIR PETG Cooling Fan A-Pin PWM Fan with RPM Feedback PAIR PETG Cooling Fan A-Pin PWM Fan with RPM Feedback PAIR PETG Cooling Fan A-Pin PWM Fan with RPM Feedback PAIR PETG Cooling Fan A-Pin PWM Fan with RPM Feedback PAIR PWM Fan with RPM Feedback PAIR PWM Fan with RPM Feedback Auxilian Pwm Fan with RPM Feedback Auxilian Pwm Fan with RPM Feedback Avin Pwm Fan with RPM Feedbac
Note Supported Build Plate Type
Hot Bed Temperature
Speed Max Speed of Tool Head 800mm/s Maximum Printing Acceleration 30000mm/s Hot End Cooling Fan 4-Pin PVM Fan with RPM Feedback Model Cooling Fan 4-Pin PVM Fan with RPM Feedback Autiliary Part Cooling Fan 4-Pin PVM Fan with RPM Feedback Autiliary Part Cooling Fan 4-Pin PVM Fan with RPM Feedback Autiliary Part Cooling Fan 4-Pin PVM Fan with RPM Feedback Autiliary Part Cooling Fan 4-Pin PVM Fan with RPM Feedback Motherboard Fan Closed Loop Control Chamber Circulation Fan High-power furbo, Closed Loop Control Chamber Temperature 2nd Gen Up to 65° C, Independent Chamber Heating, 4-Pin PVM Fan with RPM Feedback Air filter 3-in-1Ar Filter G3 Prin-Filter + H12 HEPA + Coonur Shell Activated Carbon Yes (Plance Cooler required) Supported Filament PLA, FIG. ABS, ASS, TPU, Support to PLA, Support for ABS, PET, PA, PC, PVA, PLA-CF, PET CF, ABS GF, ASS, TPU, Support for PLA-PETG, Support for ABS, PET, PA, PC, PVA, PLA-CF, PETGE F, ABS GF, ASS, TPU, Support for PLA-PETG, Support for ABS, PET, PA, PC, PVA, PLA-CF, PETGE F, ABS GF, ASS, TPU, Support for PLA-PETG, Support for ABS, PET, PA, PC, PVA, PLA-CF, PETGE F, ABS GF, ASS, TPU, Support for PLA-PETG, Support for ABS, PET, PA, PC, PVA, PLA-CF, PETGE F, ABS GF, ASS, TPU, Support for PLA-PETG, Support for ABS, PET, PA, PC, PVA, PLA-CF, PA, PC, PVA, PLA-CF, PAN-CF, P
Max Speed of Tool Head 800mm/s
Maximum Printing Acceleration 30000mm/s²
Maximum Printing Acceleration 30000mms²
Auxiliary Part Cooling Fan 4-Pin PWM Fan with RPM Feedback Auxiliary Part Cooling Fan 4-Pin PWM Fan with RPM Feedback Motherboard Fan Closed Loop Control Chamber Circulation Fan High-power turbo. Closed Loop Control Chamber Circulation Fan High-power turbo. Closed Loop Control Chamber Temperature 2nd Gen Up to 65° C, Independent Chamber Heating, 4-Pin PWM Fan with RPM Feedback Air filter 3-in-1 Air Filter: G3 Pre-Filter + 112 HEPA + Coconut Shell Activated Carbon Extruder Cooler Yes (Polar Cooler required) Supported Filament PLA, PETG, ABS, ASA, TPU, Support for PLADETG, Support for PLAPETG, Support for PLAPETG, Support for PLAPETG, PETG, PETG, PCP, PVA, PLA-CF, PETG CF, ABS GF, ASA-CF, PA6-CF, PA6-CF, PAF-CF, PETG-F, etc. Seal Print Compatible Filament Tangle Detection Yes (QIDI BOX required) Filament Run Out Sensor Yes Automatic Leveling Loedoell Sensor Integrated into the Hotend Input Shaper Yes Al Camera Detection Yes Voltage 1107 / 220–240V AC, 50/60Hz (region-specific models available) Power Supply Rated Power Supply Falted Power Supply 'To ensure the heatbed quickly reaches the needed temperature (S3-120°), the printer will maintain maximum power for about 3-5 minutes. Slorage 32G EMMC and USB2 0 Flash Drive Camera Camera (Up to 1080P), Timelapse Supported Control Interface Touch Screen, Mobile APP, PC Application
Auxiliary Part Cooling Fan 4-Pin PWM Fan with RPM Feedback Motherboard Fan Closed Loop Control Chamber Circulation Fan High-power turbo, Closed Loop Control Chamber Circulation Fan High-power turbo, Closed Loop Control Chamber Temperature 2nd Gen Up to 65° C, Independent Chamber Heating, 4-Pin PWM Fan with RPM Feedback Air filter 3-in-1 Air Filter, G3 Pre-Filter + H12 HEPA + Coconut Shell Activated Carbon Extruder Cooler Yes (Polar Cooler required) Supported Filament PLA, PETG, ABS, ASA, TPU, Support for PLA, PETG, Support for ABS, PET, PA, PC, PVA, PLA-CF, PETG, ABS GF, ASA-CF, PAS-CF, PAS-C
Motherboard Fan Closed Loop Control
Cool Down Chamber Circulation Fan High-power turbo, Closed Loop Control Chamber Temperature 2nd Gen Up to 65° C, Independent Chamber Heating, 4-Pin PWM Fan with RPM Feedback Air filter 3-in-1 Air Filter: G3 Pre-Filter + H12 HEPA + Coconut Shell Activated Carbon Extruder Cooler Yes (Polar Cooler required) Extruder Cooler Yes (Polar Cooler required) Supported Filament PLA, PETG, ABS, ASA, TPU, Support for PLA, PETG, Support for ABS, PET, PA, PC, PVA, PLA-CF, PETG, EBS GF, ASA-CF, PAS-CF, PAS-CF, PAS-GF, PAT-CF, PET-CF, etc. Seal Print Compatible Filament Tangle Detection Yes (QIDI BOX required) Filament Run Out Sensor Yes Automatic Leveling Loadcell Sensor Integrated into the Hotend Input Shaper Yes Power Loss Recovery Yes Al Camera Detection Yes Voltage 110V / 220–240V AC, 50/60Hz (region-specific models available) **To ensure the heatbed quickly reaches the needed temperature (35.20°C), the printer will maintain maximum power for about 3-5 minutes. Display Screen Storage 32G EMMC and USB2.0 Flash Drive Camera Camera (Up to 1080P), Timelapse Supported Control Interface Touch Screen, Mobile APP, PC Application
Chamber Circulation Fan
Air filter 3-in-1 Air Filter: G3 Pre-Filter + H12 HEPA + Coconut Shell Activated Carbon Extruder Cooler Yes (Polar Cooler required) Supported Filament PLA, PETG, ABS, ASA, TPU, Support for PLA, Support for ABS, PET, PA, PC, PVA, PLA-CF, PETG CF, ASA-CF, PAS-CF, PAHT CF, PPA-CF, PET CF, etc. Seal Print Compatible Filament Tangle Detection Yes (QIDI BOX required) Filament Run Out Sensor Yes Automatic Leveling Loadcell Sensor Integrated into the Hotend Input Shaper Yes Power Loss Recovery Yes Al Camera Detection Yes Voltage 110V / 220–240V AC, 50/60Hz (region-specific models available) *To ensure the heatbed quickly reaches the needed temperature (35-120°C), the printer will maintain maximum power for about 3-5 minutes. Biorage 32G EMMC and USB2.0 Flash Drive Camera Camera (Up to 1080P), Timelapse Supported Control Interface Touch Screen, Mobile APP, PC Application
Extruder Cooler Yes (Polar Cooler required)
Supported Filament PLA, PETG, ABS, ASA, TPU, Support for PLA, Support for PLA/PETG, Support for ABS, PET, PA, PC, PVA, PLA-CF, PETG CF, ABG-GF, PA6-GF, PA6-GF, PAHT CF, PPA-CF, etc. Seal Print Seal Print Seal Print Seal Print Compatible
Supported Filament PLA, PETG, ABS, ASA, TPU, Support for PLA, Support for PLA/PETG, Support for ABS, PET, PA, PC, PVA, PLA-CF, PETG CF, ABG-GF, PA6-GF, PA6-GF, PAHT CF, PPA-CF, etc. Seal Print Seal Print Seal Print Seal Print Compatible
Filament Seal Print Compatible Filament Tangle Detection Filament Run Out Sensor Filament Run Out Sensor Automatic Leveling Input Shaper Power Loss Recovery Al Camera Detection Follower Supply Fated Power For Supply Filament Run Out Sensor Filament Run Out Sensor Automatic Leveling Input Shaper Fower Loss Recovery Fower Loss Recovery Fower Loss Recovery Fower Loss Recovery Fower Supply Fower
Filament Tangle Detection Yes (QIDI BOX required) Filament Run Out Sensor Yes Automatic Leveling Loadcell Sensor Integrated into the Hotend Input Shaper Yes Power Loss Recovery Yes Al Camera Detection Yes Voltage 110V / 220–240V AC, 50/60Hz (region-specific models available) *To ensure the heatbed quickly reaches the needed temperature (35-120°C), the printer will maintain maximum power for about 3-5 minutes. Electronics Display Screen Storage 32G EMMC and USB2.0 Flash Drive Camera (Up to 1080P), Timelapse Supported Control Interface Touch Screen, Mobile APP, PC Application
Filament Run Out Sensor Automatic Leveling Loadcell Sensor Integrated into the Hotend Input Shaper Power Loss Recovery Al Camera Detection Yes Voltage Voltage 110V / 220-240V AC, 50/60Hz (region-specific models available) Rated Power * To ensure the heatbed quickly reaches the needed temperature (35-120°C), the printer will maintain maximum power for about 3-5 minutes. Display Screen Storage Storage 32G EMMC and USB2.0 Flash Drive Camera (Up to 1080P), Timelapse Supported Control Interface Touch Screen, Mobile APP, PC Application
Automatic Leveling Loadcell Sensor Integrated into the Hotend Input Shaper Yes Power Loss Recovery Yes Al Camera Detection Yes Voltage 110V / 220-240V AC, 50/60Hz (region-specific models available) Rated Power Rated Power 150W+500W(Chamber Heating)+700W(Heating Bed) * To ensure the heatbed quickly reaches the needed temperature (35-120°C), the printer will maintain maximum power for about 3-5 minutes. Poisplay Screen 5 Inch 800*480 Touch Screen Storage 32G EMMC and USB2.0 Flash Drive Camera Camera (Up to 1080P), Timelapse Supported Control Interface Touch Screen, Mobile APP, PC Application
Input Shaper Yes
Power Loss Recovery Al Camera Detection Yes Voltage 110V / 220–240V AC, 50/60Hz (region-specific models available) Rated Power *To ensure the heatbed quickly reaches the needed temperature (35-120°C), the printer will maintain maximum power for about 3-5 minutes. Display Screen Storage Storage Storage Camera (Up to 1080P), Timelapse Supported Control Interface Touch Screen, Mobile APP, PC Application
Al Camera Detection Yes Voltage 110V / 220–240V AC, 50/60Hz (region-specific models available) Rated Power * To ensure the heatbed quickly reaches the needed temperature (35-120°C), the printer will maintain maximum power for about 3-5 minutes. Display Screen Storage Storage Camera Camera (Up to 1080P), Timelapse Supported Touch Screen, Mobile APP, PC Application
Power Supply Rated Power Display Screen Storage Camera Control Interface Voltage 110V / 220-240V AC, 50/60Hz (region-specific models available) 150W+500W(Chamber Heating)+700W(Heating Bed) * To ensure the heatbed quickly reaches the needed temperature (35-120°C), the printer will maintain maximum power for about 3-5 minutes. 5 Inch 800*480 Touch Screen Storage 32G EMMC and USB2.0 Flash Drive Camera (Up to 1080P), Timelapse Supported Touch Screen, Mobile APP, PC Application
Power Supply Rated Power Rated Power To ensure the heatbed quickly reaches the needed temperature (35-120°C), the printer will maintain maximum power for about 3-5 minutes. Display Screen Storage Storage Camera Camera (Up to 1080P), Timelapse Supported Control Interface Touch Screen, Mobile APP, PC Application
Rated Power * To ensure the heatbed quickly reaches the needed temperature (35-120°C), the printer will maintain maximum power for about 3-5 minutes. Display Screen 5 Inch 800*480 Touch Screen Storage 32G EMMC and USB2.0 Flash Drive Camera (Up to 1080P), Timelapse Supported Control Interface Touch Screen, Mobile APP, PC Application
Storage 32G EMMC and USB2.0 Flash Drive Camera (Up to 1080P), Timelapse Supported Control Interface Touch Screen, Mobile APP, PC Application
Electronics Camera Camera (Up to 1080P), Timelapse Supported Control Interface Touch Screen, Mobile APP, PC Application
Control Interface Touch Screen, Mobile APP, PC Application
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Wifi Frequency Bands 2.4 GHz (2.400–2.4835 GHz) / 5 GHz (5.150–5.850 GHz)
WIFI Transmitter Power (EIRP) 2.4 GHz ≤16dBm : 5 GHz ≤13dBm
Protocol IEEE 802.11 a/b/g/n/ac
Slicer QIDI Studio and other third-party software, such as PrusaSlicer, Orca etc, but certain advanced features may not be supported.
Software File Formats for Slicing STL, OBJ, 3MF, STEP (.stp/.step), etc.
Operating System Windows、MacOS、Linux