HALOT-ONE

Integral light source
Premium precision

High performance resin 3D printer of new generation

Precision integral light source

Efficient and easy slicing

High performance mainboard

CREALITY
HALOT

Rookie Flagship
Excellent performance

Integral light source

Strong kernel

Efficient slicing

New-generation operation system

OTA online upgrade

Efficient cooling & filtration

Precision Z-axis module

Simple elegance design

5.96 Inches Monochrome LCD

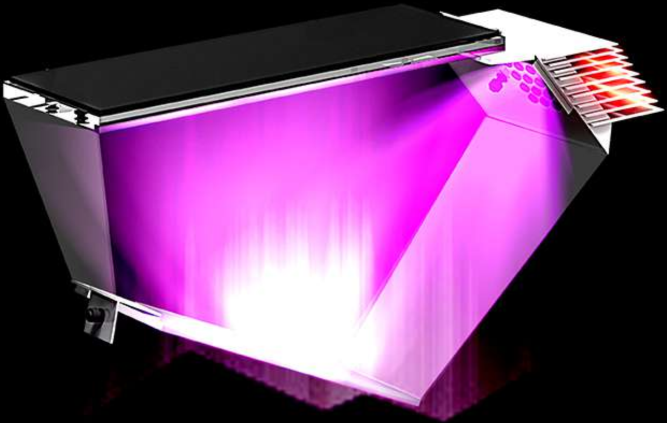
Innovative Trilogy

Self-developed integral light source High precision

The self-developed optical system of new generation adopts the light principle of reflection + refraction to make the light intensity distribution of the whole screen uniform, and each dimension of the model with consistent accuracy.

3800uw/cm²	80% Above
Illumination	Uniformity

*The data is provided by the Creality Lab, and the test data has slight deviations, which is a normal phenomenon



Integral light source

The light will be projected evenly on the printing screen through the principle of refraction and reflection of light to achieve high-precision and uniform printing.

VS

Matrix light source

The accuracy errors will exist caused by the crossover of lamp beads and unevenness of light intensity.

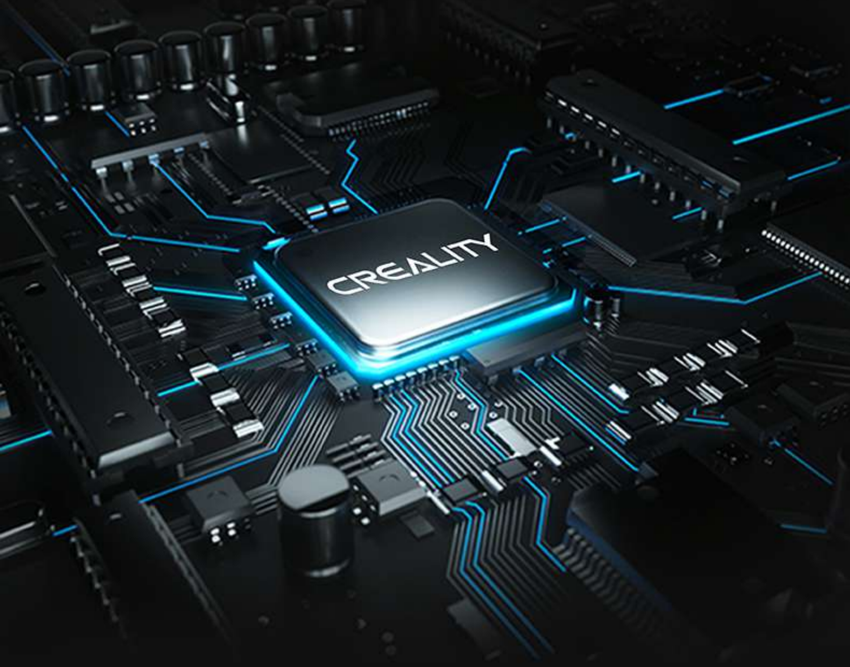
High performance mainboard and Big data image processing capabilities

Self-developed mainboard of new generation boasts a main control chip equipped with the ARMCortex™-M4 processor to embrace a strong computing capability and data processing capability, realize leapfrog upgrade and greatly reduce the power consumption.

ARMCortex™-M4
processor

64-bit 4-core
CPU/GPU

wifi
Built-in

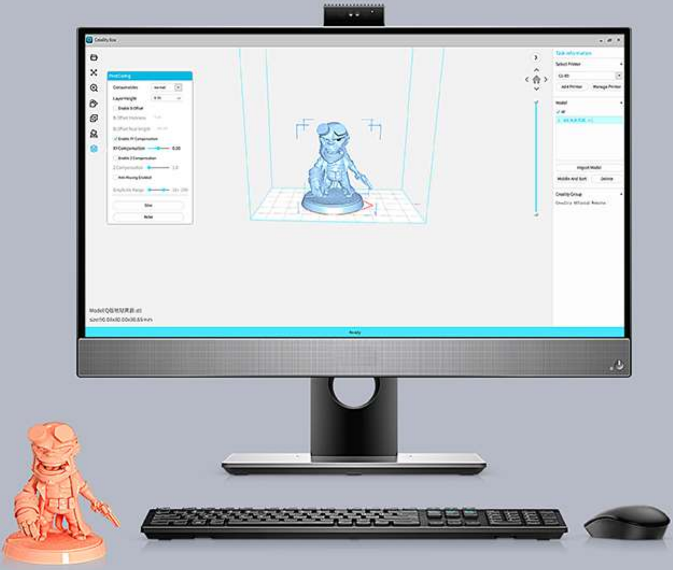


Analyze every jutting point of the model

Realize more accurate printing

CREALITY slicing software
Easy to operate

Self-developed slicing software with simple interface for easy operation, even novices can get started in seconds.



Exquisite Body
High configuration

Brand new Creality operation system

Simple and easy interaction

5.0-inch brand new touch screen with simple interface for easy human-computer interaction, clear visual effect and strong control sense.

Supports multiple languages and brings innovative experience.

large screen experience

simplified interface

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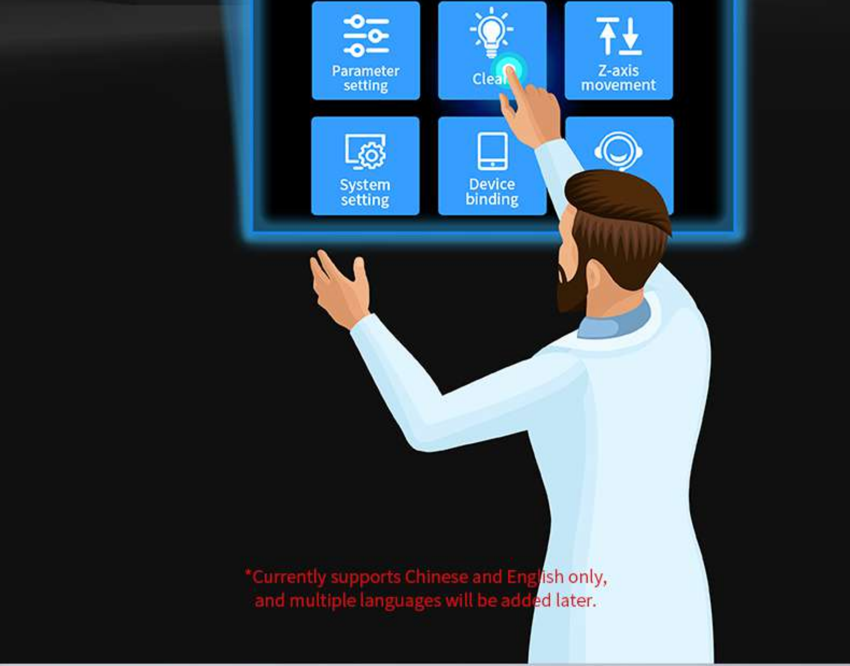
Settings



*Currently supports Chinese and English only, and multiple languages will be added later.

OTA online upgrade

Say goodbye to peripheral troubles

Supports OTA online upgrade and continuously introduces new features to quickly improve the user experience

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System Settings
Language
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WLAN
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Refresh
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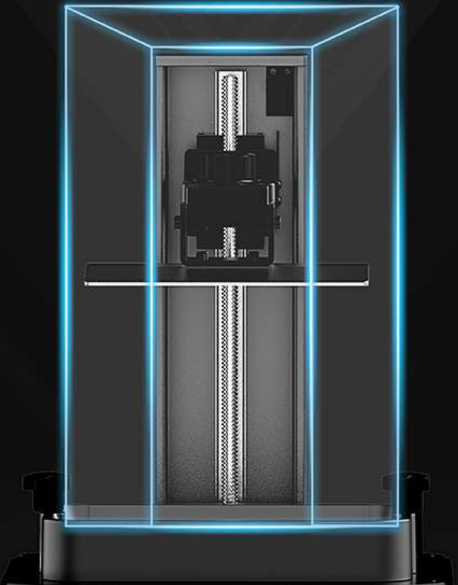
Local upgrade

Precision Z-axis module
Stably controls the machine operation

Precision Z-axis control system with widended and thickened profile of micron-grade for stable operation

Z-axis linear guide rail

T-type screws



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Settings
Parameter setting
Clean
Z-axis movement
System setting
Device binding
Service

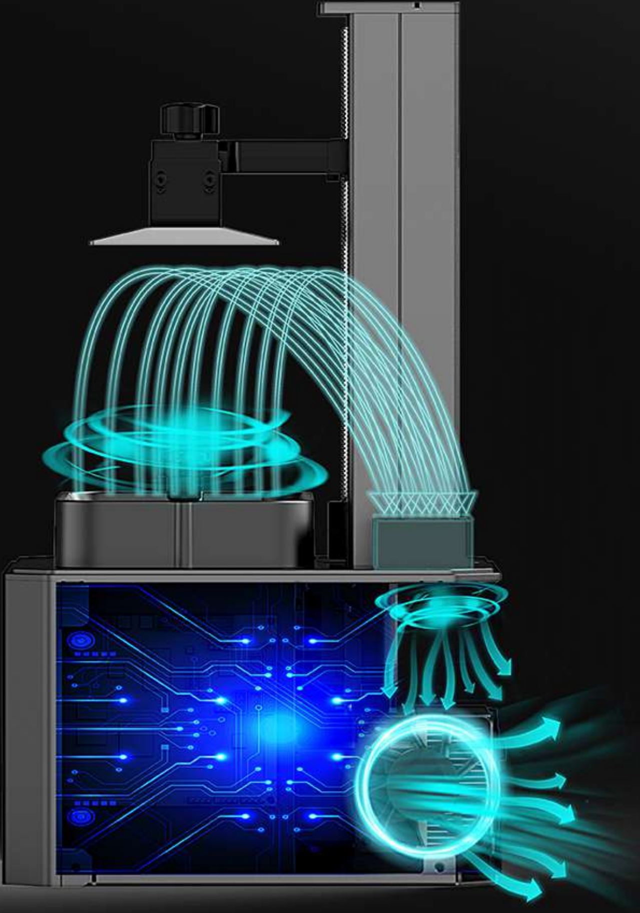
Dual cooling systems
Efficient cooling and filtration

HALOT-ONE specially designs the dual cooling systems for quick heat release.
Activated carbon air filtration system can effectively reduce the odor emission.

Customized heat sink

Cooling fan

Activated carbon air filtration



Simple and generous industrial design

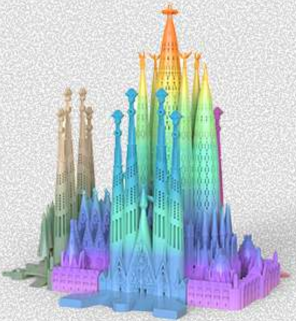
Simplified elegance expresses full sense of design; full-metal appearance; transparent hood; large operating space.

CREALITY
HALOT

Multi-scene printing

Dental care

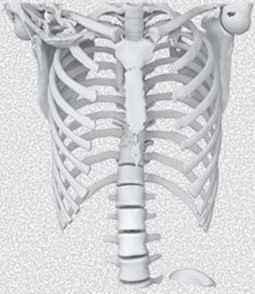
Architectural design



Jewellery

Toys & Garage Kits

College education



product parameters

Machine size	221*221*404mm	Engine noise	< 60dB
Print size	127*80*160mm	Auto-leveling	Easy manual leveling
Machine weight	7.1kg	Input voltage	100-240V
Package weight	8.8kg	Power Output	24V，1.3A
Package size	295×295×545mm	Power supply	100W
XY-axis precision	0.01-0.05mm	UI style	Creality UI Style
Curing speed		Other functions	

	1-10s/layer		Activated carbon air filtration system
Printing speed mm/h	60mm	Z-axis type	Single silde rail+ T-type screws+ coupling
Interaction interface	5-inch capacitive screen	Operation system	systems above Windows7
Printing filament	Photosensive resin	Languages	Chinese, English, Spanish, German, French, Russian, Portuguese, Italian, Turkish
Curing wavelength	405nm		
LCD pixels	1620*2560		