nexa3D®

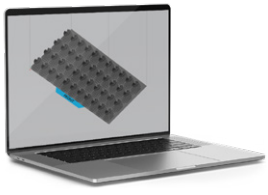
XiP

Ultrafast Desktop Resin 3D Printer

Powered by Nexa3D's proprietary Lubricant Sublayer Photo-curing (LSPc) Technology, breaking the speed barrier in 3D printing

- Proprietary Everlast-2 Membrane delivers enhanced part quality at superior speed
- Print at speeds of up to 18 cm per hour
- Generous 4.8L build volume (195 x 115 x 210)
- Modular, 4K resolution mono LCD and advanced UV light engine combine for uniform and consistent prints
- Open materials platform for ultimate accessibility
- Quick-change resin system to easily swap materials
- Sleek industrial design with robust components and consumer-grade experience

Intelligent NexaX Software



Everlast-2 Membrane

Diverse Materials

Wash+Cure Post Processing

nexa3D

XiP

Your Complete Desktop Solution

> Intelligent NexaX Software enables intuitive workflow and access to open materials platform

> With XiP, you really can have it all - speed, productivity, quality, ease-of-use, and affordability

> All-in-one automated post processing system for washing and curing parts

Desktop printing without compromises.

Printer Specifications	
Technology	• Lubricant Sublayer Photo-curing (LSPc); Everlast-2 membrane
Build Volume	• **X:** 195 mm (7.7"), **Y:** 115 mm (4.5"), **Z:** 210 mm (8.3") • 4.8 liters print volume
Light Engine	• 405 nm LED array w/ collimating lens • Modular 9.3" Monochrome 4K LCD Mask
Resolution	• 0.050 mm (.002") / 0.100 mm (.004") / 0.200 mm (.008") • **Pixel Size:** 52µm
Resin System	• Automatic Gravity Feed Cartridge w/ Vat Level Sensing • Smart NFC bottle and resin vat/membrane • Auto electromagnet vat clamping; quick release build plate • Stackable vat storage • Built-in spill containment

Hardware	• Billet aluminum enclosure
	• 420mm (16.5") W x 350mm (14") D x 530mm (21") H
	• 5.5" Color HD OLED Touchscreen Display
	• Z-Stage
	  • Rigid parallel linear rails
	  • Recirculating ballscrew
	• Ethernet / USB / Wi-Fi connectivity

Software	• NexaX 2.3 Basic or NexaX 2.3 Pro for XiP • **Supported File types:** .stl, .obj, .3mf • **Operating Systems:** Windows 10/11, MacOS *(coming soon)*
Operating Environment	• **Electrical Input:** 100-240VAC, 50/60Hz • **Ambient Temperature:** 20-25 degrees C • **Humidity:** Below 70%

Performance Resins

Nexa3D partners with the world's leading material providers to offer an expanding range of high-performance resins fully validated for XiP to unleash a wide range of print applications.

Resin Name	Function	Properties
xPro410 (Black)	General Purpose Prototyping	Best value Matte black
xCE (Black)	Functional / End Use	High Temp Stiff High Flex strength
xABS3843 (Black)	Functional / End Use	Tough ABS-like
xPP405 (Black)	Functional / End Use	Durable PP-like
xPEEK147 (Black)	Functional / End Use	Very High Temp Very Stiff
KeyModel Ultra (Ivory)	Dental modeling	Accurate; Easy thermoforming

Ask us about accessing additional materials not yet validated through our Open Mode.