

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 (190 x 120 x 210 mm)
- 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



Desktop printing without compromises.

Printer Specifications

Technology	Lubricant Sublayer Photo-curing (LSPC); Everlast-2 membrane
Build Volume	- X: 190 mm (7.5"), Y: 120 mm (4.7"), Z: 210 mm (8.6") 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.



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