

# nexa3D<sup>®</sup>

# XiP

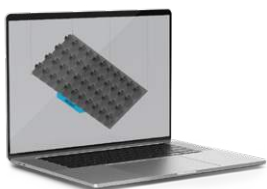
## Ultrafast Desktop Resin 3D Printer

**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	<ul style="list-style-type: none"> <li>Lubricant Sublayer Photo-curing (LSPC); Everlast-2 membrane</li> </ul>
Build Volume	<ul style="list-style-type: none"> <li>X: 190 mm (7.5"), Y: 120 mm (4.7"), Z: 210 mm (8.6")</li> <li>4.8 liters print volume</li> </ul>
Light Engine	<ul style="list-style-type: none"> <li>405 nm LED array w/ collimating lens</li> <li>Modular 9.3" Monochrome 4K LCD Mask</li> </ul>
Resolution	<ul style="list-style-type: none"> <li>0.050 mm (.002") / 0.100 mm (.004") / 0.200 mm (.008")</li> <li>Pixel Size: 52µm</li> </ul>
Resin System	<ul style="list-style-type: none"> <li>Automatic Gravity Feed Cartridge w/ Vat Level Sensing</li> <li>Smart NFC bottle and resin vat/membrane</li> <li>Auto electromagnet vat clamping; quick release build plate</li> <li>Stackable vat storage</li> <li>Built-in spill containment</li> </ul>
Hardware	<ul style="list-style-type: none"> <li>Billet aluminum enclosure</li> <li>420mm (16.5") W x 350mm (14") D x 530mm (21") H</li> <li>5.5" Color HD OLED Touchscreen Display</li> <li>Z-Stage                             <ul style="list-style-type: none"> <li>Rigid parallel linear rails</li> <li>Recirculating ballscrew</li> </ul> </li> <li>Ethernet / USB / Wi-Fi connectivity</li> </ul>
Software	<ul style="list-style-type: none"> <li>NexaX 2.3 Basic or NexaX 2.3 Pro for XiP</li> <li>Supported File types: .stl, .obj, .3mf</li> <li>Operating Systems: Windows 10/11, MacOS (coming soon)</li> </ul>
Operating Environment	<ul style="list-style-type: none"> <li>Electrical Input: 100-240VAC, 50/60Hz</li> <li>Ambient Temperature: 20-25 degrees C</li> <li>Humidity: Below 70%</li> </ul>

### 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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