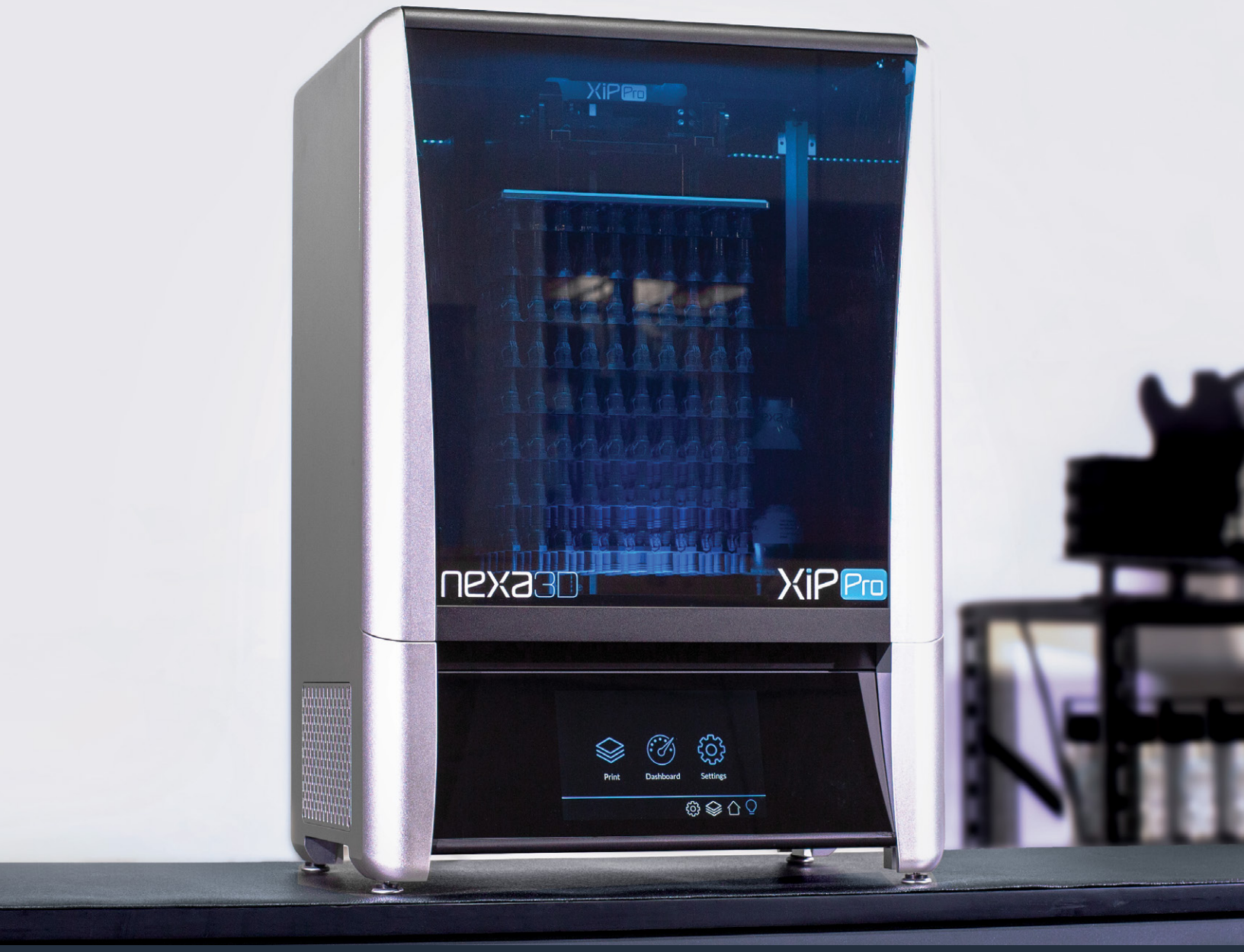
nexa3D®



Productivity Redefined.

XiP Pro

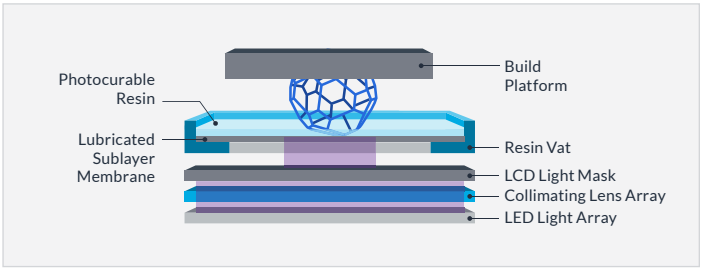
FEATURES

Bigger. Faster. More Powerful.

With a 19.5 L build volume, and a print speed up to 24 vertical centimeters per hour, XiP Pro can fill out its entire build volume with prints in under two hours.

Pristine, isotropic parts.

A new powerful light engine with 7K LCD provides exceptionable resolution and detail producing parts that are both beautiful and dimensionally accurate.

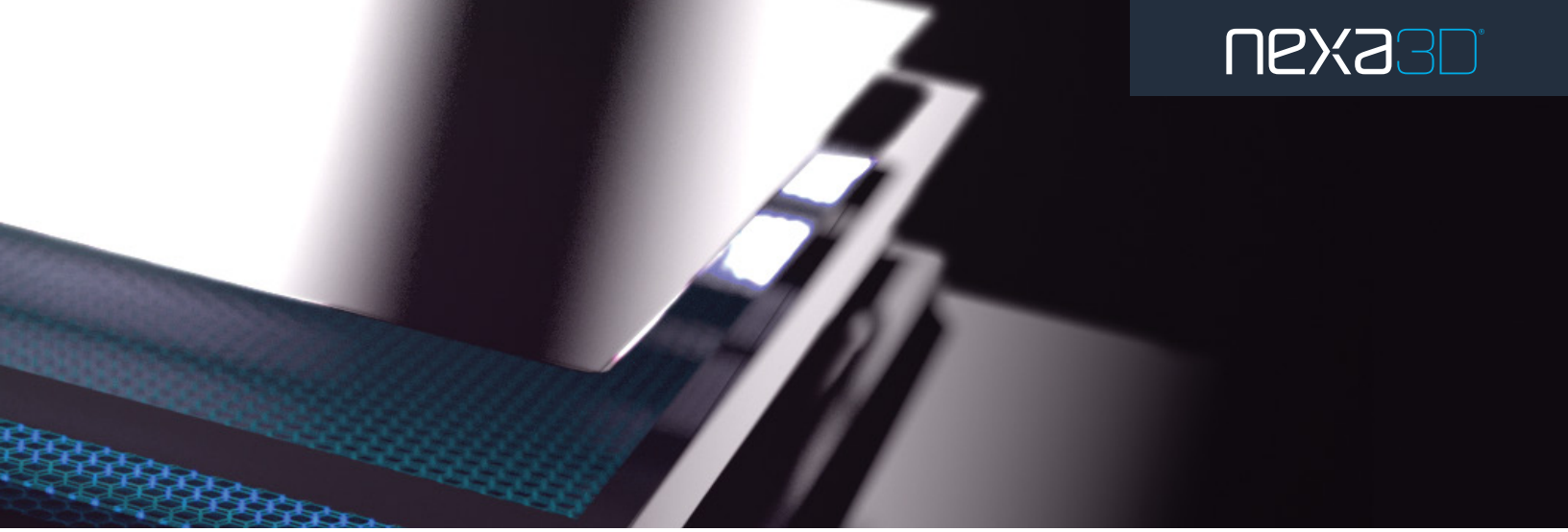


Industrial capacity without the footprint.

A solid billet aluminum unibody frame provides strength, durability, and z-stage stability for maximum precision and reliability, all efficiently packaged to fit in any setting.

Production made simple.

From smart resin cartridges, to a suite of on-board sensors that automatically optimize each print, to auto-homing, XiP Pro makes every print job a breeze.



FEATURES

Exceptional Detail, Accuracy & Surface Finish

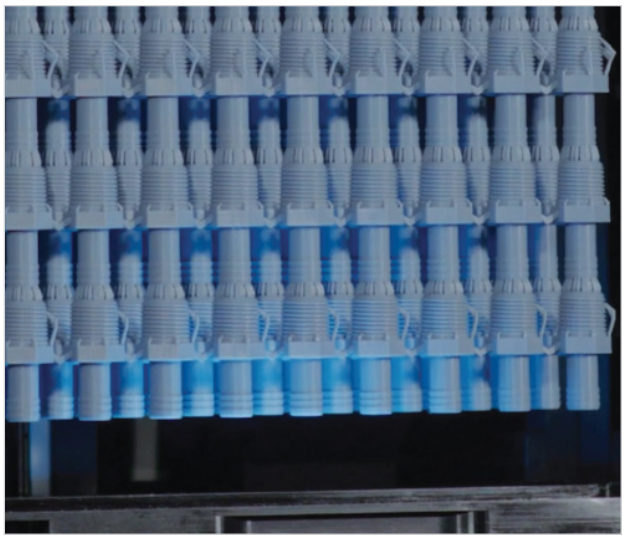
Not only does XiP Pro offer outstanding speed and throughput capabilities, it boasts a cutting edge 7K resolution LCD screen resulting in a finished product that is both stunning and accurate.

- Monochromatic LCD screen providing edge-to-edge uniformity
- 46 µm pixel size for fine details, smooth surfaces, and better accuracy at scale
- Anti-aliasing technology providing smooth surfaces and 23 µm sub-pixel resolution

A Smarter Printer

Whether you are creating prototypes or production parts, each part is printed with exceptional accuracy and consistency while mitigating the risk of print failures thanks to:

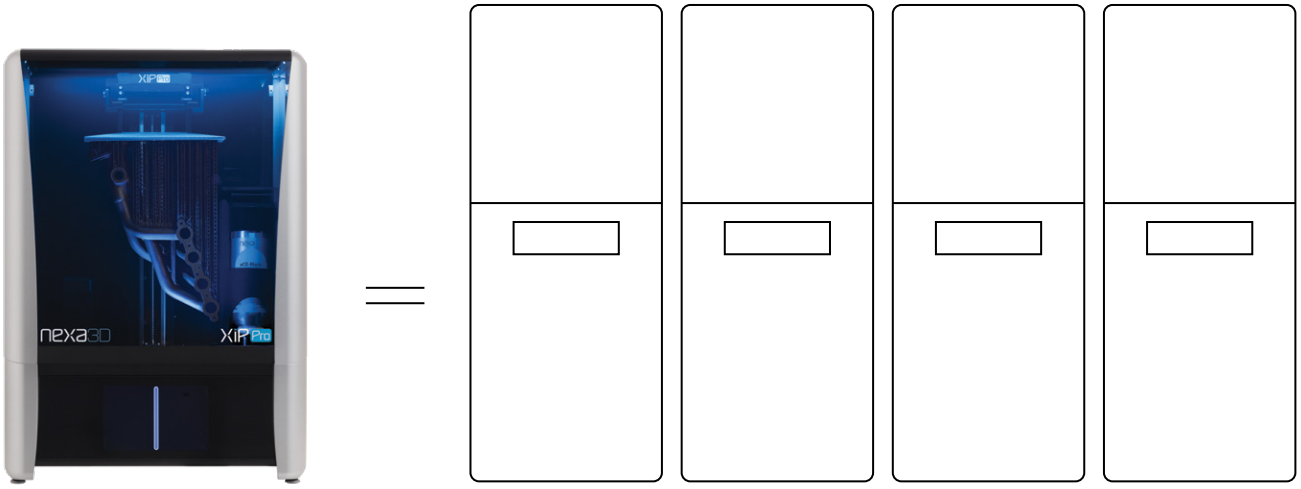
- An advanced sensor suite including environmental monitoring to help ensure print to print consistency on the production floor
- Adaptive speed control which optimizes process parameters based on part geometry and selected resin
- Closed-loop z-stage with smart-homing, including collision avoidance and debris detection, to print confidently and enable precision prints and precise layer-height control, even with viscous resins



PRODUCTIVITY

Unparalleled productivity.

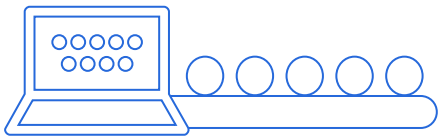
XiP Pro's class-leading throughput is well… stunning. Just **one** XiP Pro can do the work of **four** of its closest competitors in the high-speed resin 3D printing category.



*Comparing online print speeds with ST45 from BASF at 100 microns.

On-demand production without compromises

Take control of your supply chain and inventory. With XiP Pro's ability to produce robust production parts in just hours you can reduce your overhead and footprint by printing parts as you need them.
Say goodbye to expensive inventories and broken supply chains.



Accelerate development and scale additive manufacturing

Go from version 1 to 1.1 without retooling – just modify your design and continue production. Or produce unique one-off custom parts in batches of one or one hundred. Manufacturing has never been this flexible.

MATERIALS

30+ materials for every application…

Durable and Strong Resins

Engineering resins such as **xABS**, **xPP**, and **xCE** provide production-grade strength, durability, and longevity, even in the toughest environments.

Flexible Resins

xFLEX475 and **xFLEX405** give you a range of durable flexible materials that stretch, smush, bounce, and yes… flex like silicone or hard rubber.

Clear and Modeling Resins

Modeling materials like **xMODEL15** and **xMODEL17** give you economical prototyping in a variety of design tones including crystal clear, while revealing ultrasmooth surfaces and fine feature detail.

High Heat Resins

When heat is present, heat tolerant materials such as **xPEEK** and **xCERAMIC** are up to the task providing HDT up to 280°C.

Dental Resins

From orthodontic models to splints and guides, a range of 9 validated dental resins brings ultrafast 3D printing to the office or lab.

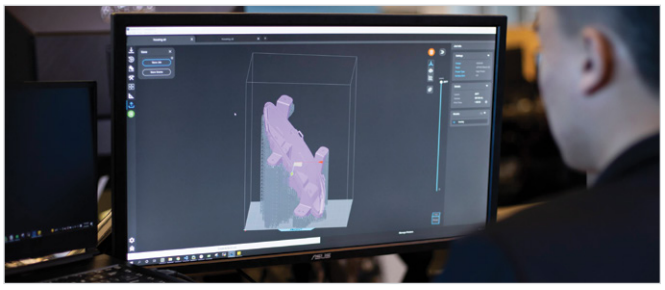
…and an open material platform for everything else.

ECOSYSTEM

From CAD to finished part with ease.

Feature-rich software

NexaX Pro is the powerful and easy-to-use print-prep software behind XiP Pro. Import one or multiple files, analyze and repair files, automatically array your parts across the build plate and vertically, and utilize custom material profiles to maximize your material library. Then send your prints remotely and monitor the status of your fleet from anywhere.



Post-processing, automated.

High throughput post-processing is often a missing element from other industrial solutions. Even if it is included, the units are small and slow. xWASH and xCURE provide a powerful one two post-processing punch for hassle free washing and post-curing of your large XiP Pro builds. With an average combined time of about 40 minutes, just hit start, to finish.

Five-Star service

Evercare is Nexa3D's premium level service plan that gives you added peace of mind with your investment. With experts on-call and, even, dispatched to your factory floor, it's like you hired your own team of 3D printing technicians.

evercare

TECH SPECS

Speed runs in the family.

Nexa3D's family of resin 3D printers are powered by LSPc® (Lubricated Sublayer Photo-curing) technology to provide unmatched speed without compromising part quality and performance.

	 XiP Pro	 NXE400 Pro	 XiP
Build Volume	292 x 163 x 410 mm 11.4 x 6.4 x 16.1 in (19.5L)	274 × 155 × 400 mm 10.7 x 6.1 x 15.7 in (16.5L)	195 × 115 × 210 mm 7.6 x 4.5 x 8.2 in (4.8L)
Technology	LSPc® 7K	LSPc® 7K	LSPc® 4K
Vertical Speed (full build plate)*	24 cm/hour	24 cm/hour	19 cm/hour
Print Time for Full Build Volume*	1 hour 41 minutes	1 hour 41 minutes	1 hour 5 minutes
Z Resolution (Layer Height)	25 µm - 200 µm	25 µm - 200 µm	25 µm - 200 µm
XY Resolution	46 µm	46 µm	52 µm
Product Dimensions	24.5 × 17.6 × 35.25 in	28.0 × 28.0 × 66.0 in	16.5 × 14.0 × 21.0 in
Product Weight	170 lb	352 lb	70 lb

*Calculated using xCERAMIC resin at 200 µm layer height

nexa3D®

"XiP Pro gives us about 10x the throughput of what we had before. Nexa3D has done a really great job taking the costs out of 3D printing while increasing the capacity. Their printers are getting bigger, faster and more affordable at the same time. It's a total win for the users."

Glen Mason
DeMarini Sports / Wilson Sporting Goods