













B9 Core Ascent XL

Take your creations to new heights with the B9 Core 5 Series Ascent XL. With a 12.5-inch Z-height, this platform is ideal for producing taller parts in medical, aerospace, and other applications where precision is paramount. Boasting a powerful 385 nm light engine, the Ascent XL enables you to print with clear or other specialty materials—while delivering both the design space and accuracy required for your projects.

 Max Print Dimensions	124.8 x 70.2 x 320 mm
 Print Speeds*	15-85+ mm/hr
 Effective Resolution with FAST™	<25µm
 Native Pixel Resolution	65µm
 Software	B9Create CAM
 Resin Vat	FastVat
 Wavelength	385 nm
 Connectivity	Wi-Fi, Ethernet & USB drive
 Machine Dimensions	267 x 420 x 800 mm
 Manufacturer's Warranty	1-year

*Material, model geometry, and slice thickness dependent

MATERIALS

Scan or click the QR code to access a comprehensive list of B9Creations materials available for this 3D printer.



The B9 Core & Elite Series of 3D printers are open to third-party materials. With B9Captive, a comprehensive material development toolkit, you can fine-tune settings to suit the chemistry of your custom materials and the geometry of your part. This allows you to engineer settings tailored precisely to your application's needs.

Trusted by customers in nearly 70 countries, our high-resolution technology delivers fast, precise results from manufacturing to healthcare. Designed, assembled and supported in the USA, our 3D printers are out of the box and printing in 15 minutes, 5 button pushes & 0 calibrations with real-time 3D printing adjustments that deliver unmatched accuracy with every print, from prototyping to production.