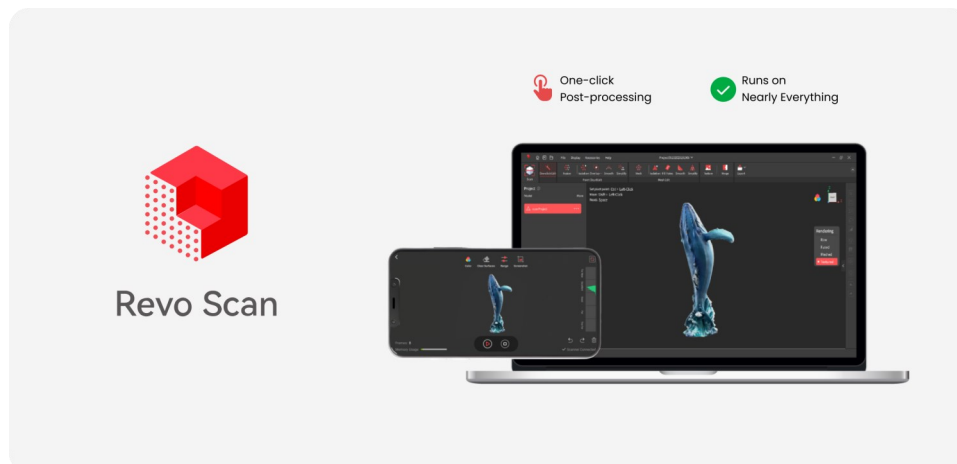# FABLICATOR

High Quality 3D Scanner

The Revopoint Pop 3 Plus is a versatile desktop or handheld 3D Scanner. It uses a Dual-camera with Infrared Structured Light. The Pop 3 Plus hosts a 2 core, 1.6GHz CPU, a USB C connection and on-board Wifi6 and Bluetooth for use with the Revopoint software Compatible with iOS, Android, Windows, and macOS devices. Pop 3 Plus hosts a HD RGB Camera with Flash LEDs to Ensure Accurate Color Capture and a new up to 2x Zoom to help capture finer details on every model and to help accurately capture and track markers. It also now includes a 9-Axis IMU Position Tracking chip to help eliminate faulty frames due to shakes and helps smooth frame stitching.

Powerful Software

The Revopoint software's intuitive UI makes capturing and post-processing your model a breeze. Preform fusion, meshing and editing and is Compatible with iOS, Android, Windows, and macOS devices for both mobile and desktop style editing and Supports STL, PLY, OBJ, ASC, 3MF, GLTF, and FBX file formats for compatibility with most CAD, 3D modeling, and slicer software.

Better Detail Capture

Up to x2 Optical Zoom

x1   x2

One-click Post-processing

Runs on Nearly Everything

Revo Scan

Fablicator
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FABLICATOR

Product Details

Product Name	POP 3 Plus 3D Scanner	Technology	Dual-camera Infrared Structured Light
Single-frame Accuracy, up to	0.03 mm	Single-frame Precision, up to	0.04 mm
Scanning Speed, up to	111 fps	Fused Point Distance, up to	0.05 mm
Single Capture Area at Nearest Distance	61 x 68 mm at 150 mm	Single Capture Area at Furthest Distance	344 x 180 mm at 400 mm
Scanning Type	Handheld and Desktop	Working Distance	150 - 400 mm
Minimum Scan Volume	20 x 20 x 20 mm	Maximum Scan Volume	2 x 2 x 2 m
Auxiliary Lighting	Infrared Fill Lights, White Flash LEDs	Angular Field of View(H x V)	60 x 28°
CPU	2 core, 1.8GHz	Position Sensors	9-axis IMU
Scanner Weight	190 g	Dimensions (L x W x H)	153 x 45 x 29 mm
Tracking Methods	Feature, Marker, Global Marker	Buttons	3
Connector Type	USB Type-C	Power Requirements	DC 5V, 1A
Wi-Fi	5	Bluetooth	4.1
Special Object Scanning	Use scanning spray for transparent, dark, or highly reflective objects	Scanning Environment	Indoors and Outdoors
Ready to Print 3D Models	Yes	Output File Formats	PLY, OBJ, STL, ASC, 3MF, GLTF, FBX
User Recalibration	Yes	Supported Accessories	Large Turntable, Dual-axis Turntable, Handheld Stabilizer, Power Bank, Mobile Kit
Compatible Operating Systems	Windows 10/11(64-bit), Android, iOS, macOS 11.0 or better	Light Type	Class 1 Infrared Light (Eye Safe)
Minimum PC Requirements	macOS CPU: M1 Pro or better; RAM ≥ 8GB Windows CPU: Intel i7 12th Gen or better; RAM ≥ 16GB	Recommended PC Requirements	macOS CPU: M3 or better; RAM ≥ 8GB Windows CPU: Intel i9 13th Gen or better; RAM ≥ 32GB

Notes:

1. Precision is how close repeated measurements of the same object at a single angle are to each other. Accuracy is how close a measured value at a single angle is to the actual (true) value. They were both acquired in a controlled lab environment. Actual results might vary, subject to the operation environment.
2. Outdoor scans should avoid direct sunlight.
3. Class 1 Laser: Avoid direct eye exposure for extended periods! Refer to Standards for Class 1 Lasers for details.
4. Some products have flashing lights, which may not be suitable for people with photosensitive epilepsy.
5. The MIRACO series 3D scanners require no PC when scanning. But the PC requirements above should be followed if you connect the MIRACO to Revo Scan (PC) for more operations.

Revopoint is a global leader in 3D scanning technology designed to make 3D scanning accessible to people everywhere. Powered by a robust R&D investment and state-of-the-art production process, Revopoint has created cutting-edge technologies ranging from micro-structured optical chips to high-precision 3D vision algorithms.

Make your 3D Scan Ideas a Reality with Pop 3 Plus!

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