

# peel 3

## Minimum System Requirements

You are interested in our 3D scanning solution, but you are wondering if your hardware and software are powerful enough to run and sustain them?

You'll find below the minimum system requirements you need to ensure optimal operation of the peel 3d measurement solutions.



	Minimum requirements	Recommended specifications
<b>Processor</b> <sup>(1)</sup>	Intel Core i7 (6+ cores) – 2.3 GHz or more	Intel Core i7 (8 cores) – 2.5 GHz or more
<b>Operating System</b> <sup>(2)(3)</sup>	Windows 10 (64-bit) <sup>(4)</sup> or Windows 11 (64-bit)	
<b>Graphics Card</b> <sup>(5)(6)</sup>	NVIDIA (6 GB VRAM) OpenGL 4.5 and higher, CUDA Compute Capability 6.1 <sup>(7)</sup>	NVIDIA RTX 3070 (8 GB VRAM) OpenGL 4.5 and higher
<b>Memory</b>	16 GB	32 GB
<b>Hard Drive</b>	Solid-state drive (SSD) with at least 200 GB of free space	512 GB SSD
<b>Display</b>	1920 X 1080	
<b>Connecting Ports</b>	1x USB 3.0+	2x USB 3.0+

(1) Processor must support AVX2 instructions

(2) 32-bits OS are not supported

(3) .NET Microsoft Framework version: 4.7.2

(4) Windows 10 version 1909 or higher

(5) GPU memory requirements are proportional to the amount of data collected in a single-scan session. Scanning large parts with higher resolution may exceed the minimum specs and require merging scans.

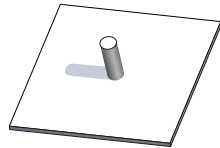
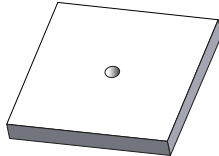
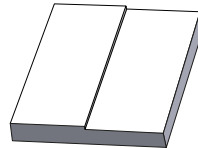
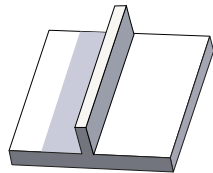
(6) Only NVIDIA graphic cards with compute capability 6.1 or higher are supported. Recommended NVIDIA driver version: 465+

(7) CUDA GPUs - Compute Capability: <https://developer.nvidia.com/cuda-gpus#compute>

# Technical specifications

Explore the amazing performance levels of peel 3. This professional 3D scanner is really in a class by itself.



<b>Software</b>	peel.OS, peel.CAD*		
<b>Recommended object size</b>	0.1 - 3.0 m (0.3–10 ft)		
<b>Accuracy</b>	0.250 mm/m, up to 0.1 mm (0.01 in/ft, up to 0.004 in)		
<b>Measurement capabilities</b>			
pin - 1.5 mm (0.059 in)	hole - 3.0 mm (0.118 in)	step - 0.1 mm (0.0039 in)	wall - 1.0 mm (0.039 in)
			
<b>Mesh resolution</b>	0.250 mm (0.01 in)		
<b>Scanning area</b>	340 x 475mm (13.39 x 18.7 in)		
<b>Scan speed</b>	80 sec/m <sup>2</sup> (7.4 sec/ft <sup>2</sup> )		
<b>Usage distance (from object)</b>	250 to 550 mm (9.8 to 21.7 in)		
<b>Depth of field</b>	300 mm (11.8 in)		
<b>Projector light source</b>	IR VCSEL		
<b>Scanner controls</b>	Touchscreen		
<b>Color resolution (on object)</b>	50 to 200 DPI		
<b>Positioning methods</b>	Geometry and/or targets and/or texture		
<b>Measurement rate</b>	1,250,000 measurements/s		
<b>Dimensions</b>	304 x 150 x 79 mm (12 x 5.9 x 3.2 in)		
<b>Weight</b>	950 g (2.1 lb)		
<b>Connectivity</b>	USB 3.0		
<b>Output formats (peel 3)</b>	.dae, .fbx, .ma, .obj, .ply, .stl, .txt, .wrl, .x3d, .x3dz, .zpr, .dxf, .iges*, .step*		

\*With peel 3.CAD only



CREAFORM / AMETEK

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