

System requirements of nanoCAD 3DScan



System requirements											
Operating System	Microsoft® Windows® 11. Microsoft Windows 10 (64-bit). Microsoft Windows 8.1 (64-bit).										
Databases	To work with databases for point clouds it is necessary to install PostGis extension for PostgreSQL. PostgreSQL 10 + Postgis 3.2.3-2 PostgreSQL 12 + Postgis 3.3.2-1 PostgreSQL 14 + Postgis 3.3.2-2 PostgreSQL 15 + Postgis 3.3.2-2.										
Processor	Minimum requirements: 2 GHz. Recommended: 3 GHz or higher										
Ram	Minimum requirements: 16 GB Recommended: 32 GB and more										
Monitor	Standard monitors: 1920x1080. High resolution monitors: up to 3840x2160 (supported in Windows 10, 11).										
Graphics	Minimum requirements: graphics processor with 1 GB video memory. Recommended requirements: graphics processor with 4 GB video memory (Supports OpenGL 2.1 or DirectX 11). <table border="1"><thead><tr><th>Volume of points in a cloud</th><th>Size in megabytes per HDD</th></tr></thead><tbody><tr><td>1 mln</td><td>16.02</td></tr><tr><td>100 mln</td><td>1611.56</td></tr><tr><td>1 bln</td><td>16313.00</td></tr><tr><td>2.5 bln</td><td>40782.50</td></tr></tbody></table> <p>It is recommended to store point clouds on SSD disks to speed up the work.</p>	Volume of points in a cloud	Size in megabytes per HDD	1 mln	16.02	100 mln	1611.56	1 bln	16313.00	2.5 bln	40782.50
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Network	TCP/IP protocol should be run on the license server and all workstations where the applications using network licensing will work.										