

## Difference between netfabb Professional 5 and netfabb Private

netfabb Basic	netfabb Private	netfabb Professional 5.1
<b>Free usage for everyone</b>	<b>Private usage only</b>	<b>Full commercial usage</b>
Can be used by everyone.	Can be only purchased by private consumers.	Can be purchased by everyone.
Price: free	Price: 239 € / 299 USD	Price: 1.499 € net / 1,799 USD net plus shipping costs
Win 7, Win 8, MacOS, Linux	Win 7, Win 8, MacOS, Linux	Win 7, Win 8, MacOS, Linux
32bit only	32bit & 64bit	32bit & 64bit
<ul style="list-style-type: none"> <li>- View STL files</li> <li>- Repair of STL files</li> <li>- Simple editing of STL files</li> </ul>	<ul style="list-style-type: none"> <li>- View STL files</li> <li>- Professional repair of STL files (automatic, semiautomatic, individual and script mode)</li> <li>- Professional editing of STL files</li> <li>- Speedup processing for huge and complex files</li> <li>- Optimize part quality</li> <li>- Automatic repair routines</li> <li>- Manual repair: determine precise repair settings</li> <li>- Remove parallel planes</li> <li>- Mesh Boolean Operations: combine and create new parts; merge, subtract and differentiate parts</li> <li>- Reduce triangles and file size</li> <li>- Refine and smooth the mesh</li> <li>- Create Shells, hollow parts</li> <li>- Remove Self-Intersections</li> <li>- Remeshing: rearrange triangles</li> <li>- Extrude triangles and surfaces</li> <li>- 3D Extrude</li> <li>- Save parts or STLs as one part</li> <li>- Advanced triangle selection</li> <li>- Advanced cut tools</li> <li>- Split large parts</li> <li>- Clip planes: Cut the view on any axis and view your mesh from the inside out as a 3D slice.</li> <li>- Z-Compensation</li> <li>- Design parts by using primitives</li> <li>- Add and merge 3D text on parts</li> <li>- View colors and textures of special 3D formats and repair such parts; convert textures with file formats.</li> <li>- Re-mesh tool</li> </ul>	<ul style="list-style-type: none"> <li>- View STL files</li> <li>- Professional repair of STL files (automatic, semiautomatic, individual and script mode)</li> <li>- Professional editing of STL files</li> <li>- Speedup processing for huge and complex files</li> <li>- Optimize part quality</li> <li>- Automatic repair routines</li> <li>- Manual repair: determine precise repair settings</li> <li>- Remove parallel planes</li> <li>- Mesh Boolean Operations: combine and create new parts; merge, subtract and differentiate parts</li> <li>- Reduce triangles and file size</li> <li>- Refine and smooth the mesh</li> <li>- Create Shells, hollow parts</li> <li>- Remove Self-Intersections</li> <li>- Remeshing: rearrange triangles</li> <li>- Extrude triangles and surfaces</li> <li>- 3D Extrude</li> <li>- Save parts or STLs as one part</li> <li>- Advanced triangle selection</li> <li>- Advanced cut tools</li> <li>- Split large parts</li> <li>- Clip planes: Cut the view on any axis and view your mesh from the inside out as a 3D slice.</li> <li>- Z-Compensation</li> <li>- Design parts by using primitives</li> <li>- Add and merge 3D text on parts</li> <li>- View colors and textures of special 3D formats and repair such parts; convert textures with file formats.</li> <li>- Re-mesh tool</li> <li>- Comparison of two meshes</li> <li>- Automatic (live) Collision Detector</li> </ul> <p><b>...continues on next page</b></p>

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		<p>Analyze:</p> <ul style="list-style-type: none"> <li>- Professional Part Analysis tools</li> <li>- Analysis of wall thickness</li> <li>- Analysis of center of gravity</li> <li>- Analysis of shadow parts</li> <li>- Analysis of Upskin and Downskin Analysis</li> <li>- Wrap: get the out surface of model fast and reliable</li> </ul> <ul style="list-style-type: none"> <li>- Define naming options for your parts</li> <li>- Realtime part collision detection</li> <li>- Advanced triangle selection</li> <li>- Clip planes: Cut the view on any axis and view your mesh from the inside out as a 3D slice.</li> <li>- Save parts or STLs as one part</li> <li>- Open all files in a ZIP file</li> </ul> <p>Slicing:</p> <ul style="list-style-type: none"> <li>- Always create 100 % flawless slices – guaranteed</li> <li>- View and export slices in many formats (see file format data sheet)</li> <li>- Cut and boolean editing for slices</li> <li>- Integrated slice editor with offsets, filling, cutting and point reduction operations on slice level</li> <li>- 2D offset for slices</li> <li>- Apply calculations to slices</li> <li>- Convert slices back to triangulated meshes for quality control</li> <li>- Filling with hatch rotation</li> </ul> <p>Business Workflow:</p> <ul style="list-style-type: none"> <li>- Macro scripting for machine-specific part manipulation</li> <li>- Integrated batch mode for autonomous repair, scaling, refinement, triangle reduction, part grouping and renaming of hundreds of files.</li> <li>- Automatic creation of quotes and build reports including images and part properties</li> <li>- Quick calculations based on volume, dimensions and surface area for quoting, management and quality control</li> <li>- Quote quickly and accurately and get accurate part properties for accurate pricing</li> <li>- Define your own quote and report templates</li> <li>- Analyze part features to predict costs and build issues</li> <li>- Control all parameters related to costs, quality and process stability</li> </ul> <p><b>...continues on next page</b></p>

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<p>Supported file formats:</p> <p>STL, X3D, OBJ, GTS, OBJ, AMF, ZPR, 3MF</p>	<p>Supported file formats:</p> <p>STL, STL (ASCII), Color-STL, X3D, X3DB, GTS, OBJ, 3DS, NCM, AMF, ZPR, PLY, 3MF, Binvov</p>	<p>Supported file formats:</p> <p>STL, STL (ASCII), Color-STL, X3D, X3DB, GTS, OBJ, 3DS, NCM, AMF, ZPR, PLY, 3MF, Binvov</p> <p>Slice Export: SLI, CLI, SLC, ABF, SSL, CLS, SLM, MTT, USF, PNG, BMP, SVG, DXF, PS</p>
<p><b>Not upgradeable.</b></p>	<p><b>Upgradeable to netfabb Professional</b></p> <p>- Upgrade price: 1.546,00 € gross / 1,843.00 USD gross, plus shipping costs</p> <p>Note: only private persons can upgrade their netfabb Private to netfabb Professional. Companies are required to buy a new netfabb Professional license for themselves.</p>	<p><b>Can be upgraded with add-ons:</b></p> <p>- add-on <b>netfabb CAD Import:</b> Convert original CAD data inside netfabb Professional regardless which CAD program your client is using; With netfabb Professional you can import 20 leading CAD formats without conversion and translation errors at an incredible price of 2.000 € / 2,500 USD (net). After conversion of the model you can check its buildability, repair possible imperfections and start the production process. Meet your delivery deadlines without troubling engineers or customers about file conversion. See file format data sheet for supported CAD formats.</p> <p>- add-on <b>Automatic Packing:</b> For an efficient production, automatically arrange your objects or object groups as compact as possible at the push of a button.</p> <p>- add-on <b>netfabb 3S Make:</b> Additive Manufacturing facilitates almost total freedom in geometry. 3S Make features basic functions to create standard structures inside your objects at the push of a button.</p> <p>- add-on <b>netfabb 3S Invent:</b> An integrated developer kit featuring all functions of the Selective Space Structures (3S) software. Make your additive manufacturing machines compatible with multi-materials by using virtual materials.</p>



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