



The Software for 3D Printing

Supported File Formats

netfabb Professional / Enterprise **7**

Supported File Formats

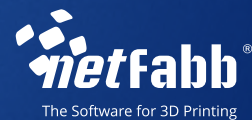
netfabb Professional / Enterprise 7



	3D file format	Description	Import	Export	Import colors & textures	Export colors & textures
3D FILE FORMATS	STL	Surface Tessellation Language	✓	✓		
	STL (ASCII)	Surface Tessellation Language	✓	✓		
	STL (COLOR)	Surface Tessellation Language	✓	✓	✓	✓
	X3D	Extensible 3D-ASCII	✓	✓	✓	✓
	X3DB	Extensible 3D-Binary	✓	✓	✓	✓
	GTS	Gnu Tessellated Surfaces	✓	✓		
	OBJ	Wave Front OBJ	✓	✓	✓	✓
	3DS	Autodesk 3D Modeling Format	✓	✓	✓	
	NCM	netfabb Compressed Mesh	✓	✓		
	AMF	Additive Manufacturing File	✓	✓		
	3MF	3D Manufacturing Format	✓	✓	✓	✓
	ZPR	Z-Print	✓	✓	✓	✓
	PLY	Stanford Polygon	✓	✓	✓	✓
	VRML	Virtual Reality Modeling Language	✓	✓	✓	✓
	BINVOX	Binary Voxel Format	✓	✓		
	Slice format	Description	Import	Export	AM machine manufacturers using this file format	
SLICE FORMATS	SLI	Slice Layer Interface	✓	✓	EOS	
	CLI	Common Layer Interface	✓	✓	EOS	
	SLC	SLC	✓	✓	3D Systems, Arcam	
	SSL	Stratasys Layer	✓	✓	Stratasys	
	ABF	Arcam Build File		✓	Arcam	
	SLM	SLM Build File	✓	✓	SLM Solutions	
	MTT	SLM Build File	✓		Renishaw	
	CLS	Concept Laser Slice	✓	✓	Concept Laser	
	USF	Universal Slice File	✓	✓		
	CLF	Common Layer File	✓	✓	Arcam	
	PNG	Portable Network Graphics		✓		
	BMP	Windows Bitmap		✓		
	SVG	Scalable Vector Graphics		✓		
	DXF	Drawing Interchange Format		✓		
	PS	Adobe Postscript		✓		
	JPEG	Joint Photographic Experts Group	✓			
	BINVOX	Binary Voxel Format	✓	✓		

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CAD FORMATS*

CAD format*	Description	Import	Export
VRML WRL	Virtual Reality Modeling Language	✓	✓
IGES IGS	Initial Graphics Exchange Specification	✓	
STEP STP	Standard for the Exchange of Product Model Data	✓	
IFC	Industry Foundation Classes	✓	
JT	Jupiter File Format	✓	
IPT IAM	Autodesk Inventor	✓	
MODEL SESSION DLV EXP CATPART CATPRODUCT CATSHAPE CGR 3DXML	CATIA V4, V5, V6	✓	
ASM NEU PRT XAS XPR	Creo Parametric / ProE	✓	
X_B X_T XMT XMT_TXT	Parasolid	✓	
PRC PRT MF1 ARC UNV PKG	NX	✓	
ASM PAR PWD PSM	Solidedge	✓	
SLDASM SLDPRT	Solidworks	✓	

About:

With the netfabb CAD Import function you can convert original CAD data directly in netfabb Professional into 3D mesh files without expensive additional software tools.

If any conversion errors occur during translation, they can be fixed by the highly advanced automatic repair function in netfabb Professional with just one click.

Afterwards you can check printability, correct possible imperfections and start the production process without disturbing engineers or customers concerning file conversion.

**CAD Import supported for Windows and Linux.*

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