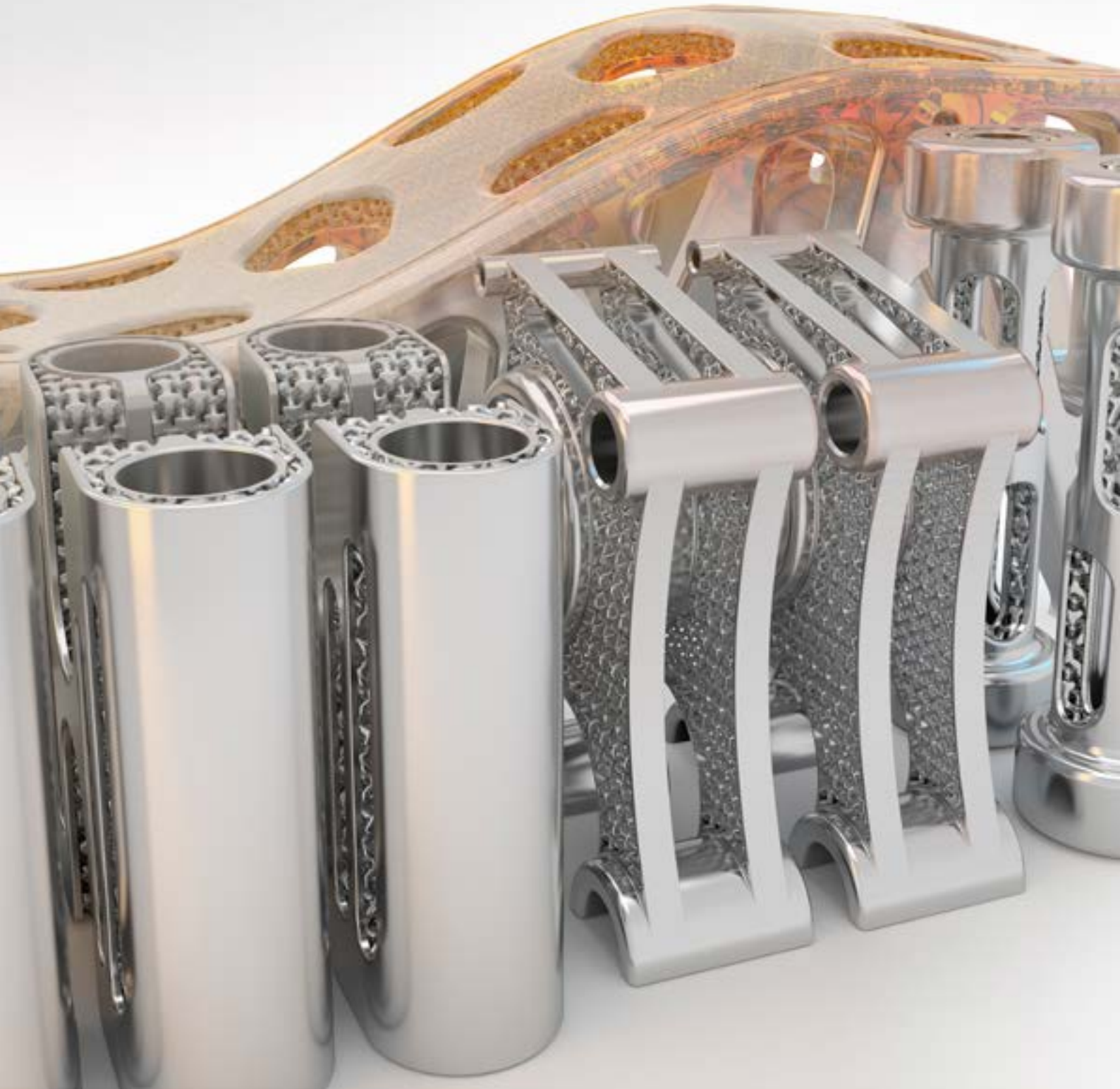


Supported file formats



CAD FORMATS

With the Autodesk Netfabb CAD import function, you can convert original CAD data directly into 3D mesh files without the need for additional, expensive software tools.

Powerful mesh analysis and repair scripts generate watertight files, closing holes, eliminate self-intersections and more; while mesh triangulation helps improve the resolution of your printed parts.

CAD import is supported for Windows.

CAD format	Description	Import	Export
3DM	Rhino	✓	
CATPART CGR	CATIA V5	✓	
FBX	FBX (Autodesk Filmbox)	✓	
G	PTC Granite (Creo)	✓	
IGES IGS	Initial Graphics Exchange Specification	✓	
JT	Jupiter File Format	✓	
MODEL	CATIA V4	✓	
NEU PRT XPR	Creo Parametric / ProE	✓	
SLDPRT	Solidworks	✓	
STEP STP	Standard for the Exchange of Product Model Data	✓	
PRT	NX (Siemens)	✓	
SAT	ACIS	✓	
SKP	SketchUp	✓	
SMT SMB	Autodesk ShapeManager Format - ASM SMT	✓	
WIRE	ALIAS	✓	
X_B X_T	Parasolid	✓	

3D FORMATS

Netfabb supports the following 3D formats:

3D format	Description	Import	Export	Colors & Textures	
				Import	Export
3DS	Autodesk 3D Modeling Format	✓	✓	✓	
3MF	3D Manufacturing Format	✓	✓	✓	✓
AMF	Additive Manufacturing File	✓	✓		
BINVOX	Binary Voxel Format	✓	✓		
GTS	Gnu Tessellated Surfaces	✓	✓		
NCM	Autodesk Netfabb Compressed Mesh	✓	✓	✓	✓
OBJ	Wave Front OBJ	✓	✓	✓	✓
PLY	Stanford Polygon	✓	✓	✓	✓
STL	Surface Tessellation Language	✓	✓		
STL (ASCII)	Surface Tessellation Language	✓	✓		
STL (color)	Surface Tessellation Language	✓	✓	✓	✓
VRML WRL	Virtual Reality Modeling Language	✓	✓	✓	✓
X3D	Extensible 3D-ASCII	✓	✓	✓	✓
X3DB	Extensible 3D-Binary	✓	✓	✓	✓
ZPR	Z-Print	✓	✓	✓	✓

SLICE FORMATS

Netfabb supports the following slice fomats:

Slice format	Description	Import	Export	Used by the following AM machines
ABF*	Arcam Build File		✓	Arcam
BINVOX	Binary Voxel Format	✓	✓	
BMP	Windows Bitmap		✓	
CLF*	Common Layer File	✓	✓	Arcam
CLI	Common Layer Interface	✓	✓	EOS
CLS*	Concept Laser Slice	✓	✓	Concept
DXF	Drawing Interchange Format		✓	
JPEG	Joint Photographic Experts Group	✓		
MTT	SLM Build File	✓		Renishaw
PNG	Portable Network Graphics		✓	
PS	Adobe Postscript		✓	
SLC	SLC	✓	✓	3D Systems, Arcam
SLI	Slice Layer Interface	✓	✓	EOS
SLM*	SLM Build File	✓	✓	SLM Solutions
SSL	Stratasys Layer	✓	✓	Stratasys
SVG	Scalable Vector Graphics		✓	
USF	Universal Slice File	✓	✓	

*These formats are supported by Netfabb Premium or Ultimate only. All other formats are supported by Netfabb Standard, Premium and Ultimate.