

ZW3D 2026 Version Comparison



Lite Standard Advanced 2-Axis Machining 3-Axis Machining Professional Premium

CAD Function

Converter for IGES, Parasolid, STEP, DWG / DXF, VDA, STL files etc.	✓	✓	✓	✓	✓	✓	✓
Open, Save and Directly Edit: CATIA, Inventor, NX, Creo, SolidWorks, SolidEdge, Creo/Preo and ACIS files	✓	✓	✓	✓	✓	✓	✓
3D Print Interface	✓	✓	✓	✓	✓	✓	✓
2D、 3D Sketch & Wireframe	✓	✓	✓	✓	✓	✓	✓
Parametric Solid-Surface Hybrid Modeling	Limited	✓	✓	Limited	Limited	✓	✓
Surface Modeling	Limited	✓	✓	Limited	Limited	✓	✓
Assembly Design	Limited	✓	✓	Limited	Limited	✓	✓
Data Inquire & Geometric Healing	✓	✓	✓	✓	✓	✓	✓
Direct Edit	Limited	✓	✓	Limited	Limited	✓	✓
2D Drawings	✓	✓	✓	✓	✓	✓	✓
PMI	✓	✓	✓	✓	✓	✓	✓
Standard Parts Library	✓	✓	✓	✓	✓	✓	✓
TraceParts Online Parts Library	✓	✓	✓	✓	✓	✓	✓

Specialized Module

Sheet Metal Design	✗	✓	✓	✗	✗	✓	✓
Weldment Design	✗	✓	✓	✗	✗	✓	✓
Reverse Engineering - Point Cloud	✗	✓	✓	✗	✗	✓	✓
Structure Design	✗	✓	✓	✗	✗	✓	✓
Basic Linear Static Analysis (Part)	✗	Limited	Limited	✗	✗	Limited	Limited
Basic Linear Static Analysis (Assembly)	✗	✗	Limited	✗	✗	✗	Limited
ZW3D_MOTION	✗	✗	✓	✗	✗	✗	✗
Harness Design	✗	✗	✓	✗	✗	✗	✗
ECAD/MCAD Collaboration	✗	✗	✓	✗	✗	✗	✗
Piping Design	✗	✗	✓	✗	✗	✗	✗
Electrodes Design	✗	✗	✗	✗	✗	✓	✓
Mold Design	✗	✗	✗	✗	✗	✓	✓

CAM

Drilling	✗	✗	✗	✓	✓	✗	✓
Auto-Feature Tactics	✗	✗	✗	✓	✓	✗	✓
2-Axis Turning	✗	✗	✗	✓	✓	✗	✓
2-Axis Milling	✗	✗	✗	✓	✓	✗	✓
Tool Path Editor	✗	✗	✗	✓	✓	✗	✓
Solid Verification	✗	✗	✗	✓	✓	✗	✓
ZW3D Post Processor	✗	✗	✗	✓	✓	✗	✓
NC Program (G code) Output	✗	✗	✗	✓	✓	✗	✓
3-Axis QuickMill™	✗	✗	✗	✗	✓	✗	✓
SmoothFlow™ Adaptive Feedrate Control	✗	✗	✗	✗	✓	✗	✓

Available Add-on Module (additional purchase required)

Structural Simulation	✗	✓	✓	✗	✗	✓	✓
ZW3D_METAS	✗	✓	✓	✗	✗	✓	✓
ZW3D_Flow	✗	✓	✓	✗	✗	✓	✓
4 & 5-Axis Milling	✗	✗	✗	✗	✓	✗	✓
JT Format Input / Output	✗	✓	✓	✓	✓	✓	✓
CATIA、 Solidworks、 Creo 2D Drawing Reading	✗	✓	✓	✓	✓	✓	✓
PARTsolutions Standard Parts Library	✗	✓	✓	✓	✓	✓	✓
Keyshot Rendering	✗	✓	✓	✓	✓	✓	✓
Volumill High-Speed Roughing	✗	✗	✗	✓	✓	✗	✓
ZWTeammate	✓	✓	✓	✓	✓	✓	✓