

# Feature Comparison

## All the Power

There are 3 levels of Alibre Design for mechanical applications. Based on your needs, this sheet can help you to determine which level is right for you. Of course, upgrading is a breeze, so your Alibre Design products can easily grow with your business.

	Alibre Design	Alibre Design Professional	Alibre Design Expert
<b>US Price*</b>	\$999	\$1499	\$1999
<b>3D Parametric Solid Modeling</b> - Parts and assemblies, parametric sketching, interference detection, and spreadsheet-driven designs	✓	✓	✓
<b>Advanced Part Modeling Tools Including:</b> -3D sketch, design booleans, sweeps, lofts, helix, shelling, etc.	✓	✓	✓
<b>Assemblies with an unlimited number of unique parts</b>	✓	✓	✓
<b>Associative 2D Drafting</b>	✓	✓	✓
<b>Advanced Drawing Functions Including:</b> - Associative Bills of Materials - Broken, section, detailed, partial and auxiliary views	✓	✓	✓
<b>Import/Export</b> - Formats include STEP, IGES, SAT, DXF, and DWG	✓	✓	✓
<b>Fast View Mode</b> - Save time with this new projection method specifically designed for working with large and complex assemblies in 2D.	✓	✓	✓
<b>Integrated Tutorials</b>	✓	✓	✓
<b>3D PDF Publishing</b> - Various templates for publishing interactive PDF documents.	✓	✓	✓
<b>Extended 3D PDF Publishing Including:</b> - Enhanced Exploded View with interactive animation		✓	✓
<b>Integrated Sheet Metal Module</b>		✓	✓
<b>Design Configurations</b> – Use multiple configurations of similar parts or assemblies to simplify your designs.		✓	✓
<b>Alibre Vault</b> - Securely save or share files with the Alibre Vault. Grant access rights to team members and maintain the integrity of your data. Version history allows you to easily “roll back” in time to a previous design state.		✓	✓
<b>ALGOR DesignCheck</b> – Use FEA analysis to test your models under various conditions.		✓	✓
<b>Direct Editing Toolset</b> - Easily remove, pattern, resize, or move model details without manually editing features or sketches. Perfect for imported parts with no feature history or conceptual design where quick changes are a necessity.		✓	✓
<b>Alibre PhotoRender</b> – Render your models photorealistically to send to clients or use in presentations. Send images alongside your drawings to a machinist to ensure intent is clear.		✓	✓
<b>Part Libraries</b> - 2 included part libraries provide access to hundreds of millions of standard and manufacturer specific components.		✓	✓
<b>Alibre CAM</b> - A completely integrated CAM solution for Alibre Design. Supports 2.5 and 3 axis milling operations, parametric toolpath updating, saving of machining data in native Alibre Design files, and more.			✓
<b>Alibre Motion</b> – Fully integrated dynamic and kinematic motion simulation package. Automatic constraint mapping (ACM) makes setting up easy. Multiple analysis tools show you if your design will function as desired.			✓
<b>EngineersToolBox (ETBX)</b> – Quick access to computational modules including: solid mechanics, fluid dynamics and heat transfer, dynamics and controls, fatigue and fracture mechanics, numeric methods, and reference data and utilities.			✓
<b>Machinist ToolBox</b> - Easy access to useful information and calculators including unit conversions, material speed & feed data, trig calculations, CNC operations, and other machining reference data.			✓
*Prices listed in US dollars and valid only in the United States and Canada. International prices vary.			