Products	Inventor LT	Inventor	Inventor Professional
At a glance	Introduce 3D part modeling into your 2D drafting Powerful, cost-effective 3D mechanical CAD software	Professional-grade design tools Easy-to-use 3D CAD software	Professional-grade design tools Powerful simulation, tooling, and routed system tools

Features			
Engineering design productivity			
Digital Prototyping	✓	✓	✓
Easy-to-use 3D mechanical design	✓	✓	✓
Large assembly design		✓	✓
Free-form modeling	✓	✓	✓
Sheet metal design		✓	✓
Direct editing	✓	✓	✓
Rules-based design/automation		✓	✓
Catalog/purchased/standard part library		✓	✓
Frame and weldment design		✓	✓
Plastic parts design		✓	✓
Electrical systems design/tube and pipe runs			✓
Mold, and tool and die			✓
Electrical engineering			
Integrated electrical and mechanical design			
Conceptual design			
Explore design concepts in AutoCAD			
Sketch designs, produce stunning artwork			
Create 3D digital artwork			
Visualization			
Real-time design visualization	✓	✓	✓
Photorealistic rendering and presentations			
Cinematic-quality rendering and 3D animation			
Simulation design validation			
Point cloud tools		✓	✓
Select material by environmental/cost impact		✓	✓
Assembly collision and interference detection		✓	✓
Check for manufacturability		✓	✓
Draft analysis	✓	✓	✓
Validate performance with simulation and FEA			✓
Simulate installation or demolition sequences			
CAD file conversion and compatibility			
Review/mark up DWG™, DWF, and PDF files	✓	✓	✓
Mobile and online sharing of 3D designs	✓	✓	✓
BIM interoperability	✓	✓	✓
Native translators	✓	✓	✓
Large-scale design review and collaboration			
Design fly-throughs and walk-throughs			
CAD rendering and design documentation			
Professional drafting and documentation tools	✓	✓	✓
TrustedDWG™ technology	✓	✓	✓
Automatic drawing view creation	✓	✓	✓
BOM generation		✓	✓
International standards support	✓	✓	✓
Data management			
In-product data management	✓	✓	✓
Configurable data security	✓	✓	✓
Multiple user/concurrent design	✓	✓	✓
Easy administration	✓	✓	✓
Automated design organization	✓	✓	✓