

Capabilities	Solid Edge X Standard	Solid Edge X Advanced	Solid Edge X Premium
<b>Design</b>			
Basic part design	✓	✓	✓
Parametric design	✓	✓	✓
Synchronous technology	✓	✓	✓
Data management	✓	✓	✓
Convergent mesh modeling	✓	✓	✓
Visualization tools	✓	✓	✓
Prep for additive manufacturing	✓	✓	✓
Sheet metal design	✓	✓	✓
Surface modeling	✓	✓	✓
Simulation for parts	✓	✓	✓
Subdivision modeling (advanced surfacing)		✓	✓
Advanced photorealistic rendering		✓	✓
Standard parts libraries (nuts, bolts, etc.)		✓	✓
Vendor catalogs integration (3DFindit.com)		✓	✓
Adaptive UI		✓	✓
Reverse engineering		✓	✓
Solid Edge Simulation Express (part and sheet metal)		✓	✓
<b>Assembly</b>			
Advanced part and assembly design	✓	✓	✓
Assembly management	✓	✓	✓
Motion simulation	✓	✓	✓
Interference checking	✓	✓	✓
Exploded views	✓	✓	✓
Frame and weldments	✓	✓	✓
Design configurator (basic)	✓	✓	✓
Dynamic visualization		✓	✓
Engineering reference (springs, CAMS, gears, etc.)		✓	✓
CAD Direct		✓	✓
Design for cost		✓	✓
Secure cloud storage		✓	✓
Augmented reality		✓	✓
<b>Other key areas</b>			
Permission-based project sharing	✓	✓	✓
Instant access on any device	✓	✓	✓
500GB cloud storage	✓	✓	✓
<b>Add-on functionalities</b>			
Solid Edge Machinery Library	VBL	✓	✓
Solid Edge XpresRoute	VBL	VBL	✓
Solid Edge Electrical Routing	VBL	VBL	✓
Solid Edge PCB Collaboration	VBL	VBL	✓
Point Cloud Visualization	VBL	VBL	✓
Solid Edge Simulation Standard	VBL	VBL	VBL
Solid Edge Simulation Advanced	VBL	VBL	VBL
Solid Edge Piping Library	VBL	VBL	VBL
Solid Edge Advanced PMI	VBL	VBL	VBL
Generative Design Pro	VBL	VBL	VBL
Solid Edge CATIA V4 Translator FL	VBL	VBL	VBL
Solid Edge CATIA V5 Translator FL	VBL	VBL	VBL