ZWCAD+ 2012 Version Definitions

1. Overview

For commercial users			For academic institutions	For developers
ZWCAD+ Standard	ZWCAD+ Professional	ZWCAD Mechanical	ZWCAD+ Academic	ZWCAD+ DEV
Fundamental	Fundamental	Fundamental	Fundamental	Fundamental
LISP	3D Module	3D Module	3D Module	3D Module
	API	API	API	API
		Mechanical Module		
Fundamental 2D drafting features and full LISP	Fundamental 2D drafting features, 3D module and a full set of APIs including LISP, VBA, ZRX and SDS	Identical to ZWCAD+ PRO and enhanced by a full set of value-added tools and libraries for mechanical industry	Identical to ZWCAD+ PRO but only for use in academic institutions. A noticeable stamp will appear on all printouts	Identical to ZWCAD+ PRO …
ZWCAD+ Standard	ZWCAD+ Professional	ZWCAD Mechanical	ZWCAD+ Academic	ZWCAD+ DEV

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Design More. Pay Less.

2. STD vs. PRO vs. Mech in detailed

	Standard	Professional	Mechanical
Fundamental			
DWG/DXF/DWT Support	●	●	●
2D Drafting & Annotating	●	●	●
Hatch, Block, Xref, Attribute & Image	●	●	●
Customizable Tool Palettes	●	●	●
Layer Properties Manager	●	●	●
Drawing File Comparison	●	●	●
Export to PDF/PNG/JPG……	●	●	●
Block Attribute Manager	●	●	●
Associative Dimensions	●	●	●
Smart Mouse	●	●	●
Cycle Selection	●	●	●
Express Tools	●	●	●
Publishing	●	●	●
Plotting	●	●	●
3D Module			
3D Modeling	N/A	●	●
3D Editing	N/A	●	●
3D Viewing	●	●	●
Visual Styles	●	●	●
3D Orbit	●	●	●
API			
Development System (ADS/SDS)	N/A	●	●
Visual Basic for Applications (VBA)	N/A	●	●
Runtime Extension (ARX/ZRX)	N/A	●	●
Full LISP (with vl-, vlr-, vla- & vlax-)	●	●	●
ActiveX (including in-place editing)	●	●	●
Script Recorder	●	●	●
DCL Engine	●	●	●
COM API (AutoCAD COM)	●	●	●
Full Diesel Expressions	●	●	●
MNU, MNS & MNL Support	●	●	●
AutoCAD® Resource Files	●	●	●
Mechanical Module			
International Standards Setting	N/A	N/A	●
Title Block and Border Setup	N/A	N/A	●
Power Dimension	N/A	N/A	●
Dimension Symbol	N/A	N/A	●
Automatic Layer System	N/A	N/A	●

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Part Builder & Part Library	N/A	N/A	●
Built-in Mechanical Symbols	N/A	N/A	●
Associative Balloon and BOM	N/A	N/A	●
Detail View, Section Line	N/A	N/A	●
Supper Edit	N/A	N/A	●
Engineering Equations & Formulas	N/A	N/A	●
Parametrical Shaft and Gear Generators	N/A	N/A	●

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