

# Over 80 Reasons to Upgrade to Origin 7

	Version:	7	5.0		Version:	7	5.0	
<b>User Interface</b>	Apply Button on Data Analysis Tools	✓		<b>File I/O</b>	Fast Import Image into Matrix	✓		
	Click-and-Drag to Resize and Rotate Text and Drawing Objects	✓			File Packing/Unpacking Utility	✓		
	Click-and-Drag Worksheet and Matrix Column Width	✓			Import data from MINITAB® MTW (Worksheets) and MPJ (Project) Files	✓		
	New/Improved drawing tools including Polyline, Freehand, Polygon, Freeform	✓			Import data from SigmaPlot® SP? and JNB Files	✓		
	Graph Template Gallery	✓			Import Thermo Galactic® SPC Data Files by Drag-and-Drop into Graph	✓		
	Image View of Data in Matrix Window	✓			Color Space Setting for TIFF: Using RGB, CMYK, and YCbCr	✓		
	In-Place Text Editing	✓			Import and Export Image (Raster) Files	✓		
	Multiple Selected Object Formatting	✓			Improved Graphics Export, Including NEW EPS Export	✓		
	New Multi-Tabbed Object Control Dialog	✓			ODBC Query and Import	✓		
	New Statistics Menu for Worksheet Analysis	✓			Expanded Graph Export Formats: AI, CGM, EPS, TIF, PDF & more	✓		
	Object Format Toolbar (color, hatch pattern, border type, border width)	✓			Layout Pages can be Exported or Copied to Clipboard	✓		
	Point-by-Point Editing of Polyline and Polygon Objects	✓			Import Axon Binary pClamp Files	✓		
	Region of Interest for Graph Analysis	✓			Open Excel 95/97 Workbooks Directly in Origin	✓	✓	
	Text Format Toolbar (font, size, bold, italics, underline, sub/superscript, Greek)	✓			Export Standard Graph Formats: BMP and WMF	✓	✓	
	Undo for Object Formatting	✓			Import and Export ASCII Delimited with Custom Options	✓	✓	
	Batch Process Windows in Active Project Explorer Folder	✓			Layout Page to Display Graphs, and/or Worksheets	✓	✓	
	Inadequate Space in Worksheet Cell Indicator	✓			Publication-Quality Output	✓	✓	
	Batch Print Selected Worksheets, Graphs, and Layout Windows	✓			<b>Data Handling</b>	New Random XYZ to Matrix Conversion	✓	
	Control-select Nonadjacent Origin Worksheet Columns	✓				Drag and Drop Data Files from Windows Explorer into Origin	✓	
	Excel May Run Simultaneously with Origin	✓				Categorical Data Support (Nominal and Ordinal)	✓	
Graphical Symbol Gallery of Over 100 Symbols	✓		2D Binning of Worksheet Data	✓				
Organize Large Projects with Project Explorer	✓		Expanded Vector Data Formats	✓				
Drag-and-Drop Origin Worksheet Selection into Graphs	✓		Transpose: Worksheet, or upon clipboard Paste	✓				
Drag-and-Drop Excel Workbooks onto Origin Icon or Origin Graphs	✓	✓	Number of Worksheet Columns Limited Only by System Resources	✓				
Excel-style Interface for Excel Workbook Plotting	✓	✓	Customizable Views for Data Reader	✓		✓		
Integrated Axes Interface	✓	✓	Data Reader for Exploratory Data Analysis	✓		✓		
Long File Name Support	✓	✓	<b>Analysis</b>	Automatic NLSF Parameter Initialization		✓		
Shortcut Menus to Frequently-Used Operations	✓	✓		Automatic Fitting Comparison using F-Test	✓			
Batch Print All Graphs within Project	✓	✓		Find X / Find Y options after Linear or Polynomial Fitting	✓			
<b>Graph Handling</b>	Apply Color Palette to Image View of Matrix Data	✓			More Robust One-Way ANOVA	✓		
	Manually Specified Tick Marks and Tick Labels for Entire Axis	✓			More Robust t-Test (One & Two Sample)	✓		
	Color Scale Object Supports Label Increments	✓			NLSF Fitting Wizard	✓		
	Large Screen Reader and Data Reader Cross-hair Pointer	✓			NLSF and Origin C integration (interface and functionality)	✓		
	Offset Plotting of Duplicate Points	✓			Normality Test (Shapiro-Wilk)	✓		
	Print Graph to Multiple Pages	✓			Survival Analysis (Kaplan-Meier, Cox Proportional Hazards)	✓		
	Expanded Box Chart Control	✓			Two-Way ANOVA	✓		
	Expanded Set of Built-In Symbols	✓		Noise Threshold Filter	✓			
	Fast 3D Graph Caching	✓		Negative Peak Finding and Fitting	✓			
	Individual Contour Line and Level Control	✓		Low-Pass, High-Pass, Band-Pass, Band-Block Filters	✓	✓		
	Pattern Support for Area Fill	✓		Descriptive and Basic Statistics	✓	✓		
	Use Color Variations to Represent Another Dimension	✓		Linear and Nonlinear Fitting	✓	✓		
	User-Defined Symbols Using Bitmaps	✓		Number of Worksheet Rows Limited Only by System Resources	✓	✓		
	OLE 2 Server	✓	✓	Positive Peak Finding and Fitting	✓	✓		
	Indexed Control for 2D Symbol Color, Shape, Size	✓	✓	<b>Programming</b>	Built-In Elements of NAG Numerical Library	✓		
Region-of-Interest Selection for Analysis	✓	✓	C Compiler with ANSI C Language and Origin Object Support		✓			
Ultra-Fast Large Dataset Graph Generation	✓	✓	Code Builder Interface for Color-coded Editing and Debugging		✓			
<b>Graph Types</b>	Image Graph	✓			Increase/Decrease Results Log Font Size	✓		
	Image Graph with Profile Lines	✓			Notes Window Programmatically Controlled	✓		
	Image Histogram with Color based on Image Palette	✓			Drag-and-Drop Custom Tool Installation	✓		
	Smith® Chart	✓			Dynamically Link Custom Toolbar Buttons to Variables	✓		
	3D Pie Chart	✓			Expanded Numeric Output Formats	✓		
	Column Scatter Graphs	✓			Run Tools and Wizards Created with OriginPro 6.1 and MS VC++	✓		
	XYXY Vector (Tail-to-Head Data)	✓			Long Period Timer Function to Automatically Iterate Tasks	✓		
	Built-in 3D Graph Types	✓	✓	Create User-Defined Origin Toolbars to Run LabTalk Scripts	✓			
	Built-in Contour Graphs	✓	✓	Customize Any Origin Toolbar	✓			