

ReoGrid Web

Product Catalog

High-performance canvas spreadsheet library for the web

Version 1.3.0 — June 2026

	A	B	C	D	E	F
1	FY2026 Summary Report					
2	Department	Q1	Q2	Q3	Q4	Total
3	Sales	4,200	4,650	5,100	5,800	19,750
4	Marketing	1,800	1,750	2,100	2,300	7,950
5	Support	950	1,020	1,100	1,180	4,250
6	Development	3,100	3,300	3,450	3,700	13,550
7	Operations	1,500	1,480	1,620	1,750	6,350
8	Total	11,550	12,200	13,370	14,730	51,850
9						
10						
11						
+	Summary	Sales	Inventory	明細		

Core Features

The foundation: high-performance rendering, cell data, styling, and workbook structure.

	A	B	C	D	E	F	G	H	I	J	K	L
1	ID	Product	Region	Q1	Q2	Q3	Q4	Total	Growth	Share	Rank	Status
2	#1001	Sensor A2	Tokyo	1,041	3,022	5,004	1,460	11,527	10%	4.0%	1	Review
3	#1001	Module B1	Osaka	5,057	5,207	5,200	3,534	19,048	-7%	8.6%	2	OK
4	#1002	Display C2	Nagoya	2,265	4,422	6,292	8,440	21,419	-1%	1.0%	3	OK
5	#1003	Battery D3	Fukuoka	2,998	7,617	6,281	5,880	22,696	3%	2.8%	4	OK
6	#1004	Cable E4	Sapporo	3,770	6,105	1,104	2,737	16,716	7%	6.6%	5	OK
7	#1005	Adapter F5	Sendai	1,121	4,457	8,382	5,688	20,238	-15%	7.3%	6	OK
8	#1006	Frame G6	Tokyo	9,631	3,084	8,112	1,380	22,207	13%	9.7%	7	OK
9	#1007	Lens H7	Osaka	9,943	3,582	3,500	8,190	23,220	22%	8.8%	8	Review
10	#1008	Sensor I8	Nagoya	9,958	8,204	4,882	3,295	26,379	9%	0.3%	9	OK
11	#1009	Module J9	Fukuoka	9,967	8,684	4,169	8,867	21,687	-10%	8.0%	10	OK
12	#1010	Display K0	Sapporo	9,960	5,947	7,112	5,584	28,303	18%	5.2%	11	OK
13	#1011	Battery L1	Sendai	9,348	9,362	4,820	8,301	32,459	4%	2.7%	12	OK
14	#1012	Cable M2	Tokyo	1,431	1,487	4,444	1,860	13,222	-2%	6.6%	13	OK
15	#1013	Adapter N3	Osaka	4,389	5,250	1,963	4,411	16,003	-9%	6.9%	14	OK
16	#1014	Frame O4	Nagoya	5,956	9,324	1,886	9,815	26,881	24%	9.3%	15	Review
17	#1015	Lens P5	Fukuoka	6,088	4,225	6,750	6,814	26,877	4%	3.7%	16	OK
18	#1016	Sensor Q6	Sapporo	5,795	3,309	9,902	6,124	24,890	20%	1.8%	17	OK
19	#1017	Module R7	Sendai	2,434	9,654	7,218	3,593	22,899	17%	4.4%	18	OK
20	#1018	Display S8	Tokyo	8,910	5,349	5,060	3,880	22,919	-12%	9.8%	19	OK
21	#1019	Battery T9	Osaka	8,900	3,361	7,816	4,062	24,099	16%	5.2%	20	OK
22	#1020	Cable U0	Nagoya	1,008	1,184	1,296	6,015	9,503	-4%	9.7%	21	OK
23	#1021	Adapter V1	Fukuoka	3,851	6,751	9,808	5,436	25,846	14%	2.1%	22	Review
24	#1022	Frame W2	Sapporo	6,863	5,453	3,195	3,384	18,915	4%	7.5%	23	OK
25	#1023	Lens X3	Sendai	5,131	3,711	6,420	5,585	19,847	-11%	7.6%	24	OK
26	#1024	Sensor Y4	Tokyo	6,347	9,487	6,040	2,841	24,715	10%	4.5%	25	OK
27	#1025	Module Z5	Osaka	1,039	6,548	4,477	2,775	15,339	4%	11.1%	26	OK
28	#1026	Display A6	Nagoya	4,544	2,474	8,941	8,504	24,463	13%	2.9%	27	OK
29	#1027	Battery B7	Fukuoka	3,542	3,121	3,800	9,265	19,727	-12%	6.7%	28	OK
30	#1028	Cable C8	Sapporo	4,901	5,520	4,987	7,679	23,087	-10%	9.4%	29	Review
31	#1029	Adapter D9	Sendai	8,035	1,168	8,052	5,375	22,630	9%	0.1%	30	OK
32	#1030	Frame E0	Tokyo	8,602	9,777	9,085	3,285	30,699	-9%	4.4%	31	OK
33	#1031	Lens F1	Osaka	5,279	8,981	7,950	9,291	31,501	-8%	6.8%	32	OK

Canvas Rendering LITE

High-performance cell rendering on HTML5 Canvas — no DOM bloat, 10,000 rows at 60 fps.

```
createReogrid({ workspace: '#grid' })
```

	A	B	C	D	E	F
1	FY2026 Summary Report					
2	Department	Q1	Q2	Q3	Q4	Total
3	Sales	4,200	4,650	5,100	5,800	19,750
4	Marketing	1,800	1,750	2,100	2,300	7,950
5	Support	950	1,020	1,100	1,180	4,250
6	Development	3,100	3,300	3,450	3,700	13,550
7	Operations	1,500	1,480	1,620	1,750	6,350
8	Total	11,550	12,200	13,370	14,730	51,850
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Core Features

	A	B	C
	Format Code	Raw Value	Formatted
1			
2	#,##0	1234567	1,234,567
3	#,##0.00	1234567.891	1,234,567.89
4	¥#,##0	49800	¥49,800
5	\$#,##0.00	1299.5	\$1,299.50
6	0.0%	0.725	72.5%
7	0.00E+00	12345678	0.0033683+00
8	yyyy/mm/dd	45306	2024/01/15
9	mmn d, yyyy	45306	Jan 15, 2024
10	h:mm AM/PM	0.6042	11:30 PM
11	#,##0;[Red](#,##0)	-52000	(52,000)
12			

Number Formatting LITE

Excel-compatible format codes — thousands separators, currency, percentages, dates and times (#,##0, ¥#,##0, 0.00%).

```
worksheet.setCellNumberFormat(r, c, '#,##0')
```

	A	B	C
	フォーマットコード	値	表示
1			
2	ggge"年"m"月"d"日"	45306	令和6年1月15日
3	ge/m/d	45306	R6/1/15
4	gge.m.d	43586	令1.5.1
5	gggee"年"mm"月"dd"日"	36586	平成12年03月01日
6	ggge"年" m"月"	45306	令和6年 1月
7	¥#,##0;[赤]¥-#,##0	-128000	¥-128,000
8	#,##0"円"	4980000	4,980,000円
9	0.0"割"	7.25	7.3割
10			
11			

Japanese Era & Color Formats LITE

Reiwa/Heisei/Showa era dates and [Red]/[赤] color bracket formats for Japanese business documents.

	A	B	C	D	E	F	G	H	I
1									
2		Solid grid				Dashed outline			
3		Dotted inside				Thick + per-side			
4		Accent color				Header			
5		Rem							
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Borders LITE

Cell and range borders on any side, with style, color, and width control.

```
worksheet.setRangeBorders(range, borders)
```

	A	B	C	D	E	F	G
	Monthly Sales Report — 2026						
	Region	First Half			Second Half		
		Q1	Q2	Subtotal	Q3	Q4	Subtotal
4	Kanto	4,200	4,650	8,850	5,100	5,800	10,900
5	Kansai	3,300	3,150	6,450	3,600	3,900	7,500
6	Tohoku	1,450	1,500	2,950	1,700	1,850	3,550
7	Kyushu	2,100	2,300	4,400	2,250	2,500	4,750
8							
9							
10	Note: subtotal columns are merged-header groups; this notes box itself is a 3x3 merged range.						
11					Grand Total	49,350	
12							
13							

Cell Merging LITE

Merge and unmerge cells for titles, grouped headers, and complex multi-level table layouts.

```
worksheet.mergeCells(range)
```

Core Features

	A	B	C	D	E	F
1	60px	110px	180px	260px	90px	140px
2	22px	Row 1	Drag header edges to resize	<code>column(c).setWidth(w) / row</code>	1,250	Auto-fit supported
3	30px	Row 2	Drag header edges to resize	<code>column(c).setWidth(w) / row</code>	2,500	Auto-fit supported
4	40px	Row 3	Drag header edges to resize	<code>column(c).setWidth(w) / row</code>	3,750	Auto-fit supported
5	56px	Row 4	Drag header edges to resize	<code>column(c).setWidth(w) / row</code>	5,000	Auto-fit supported
6	30px	Row 5	Drag header edges to resize	<code>column(c).setWidth(w) / row</code>	6,250	Auto-fit supported
7	22px	Row 6	Drag header edges to resize	<code>column(c).setWidth(w) / row</code>	7,500	Auto-fit supported
8	36px	Row 7	Drag header edges to resize	<code>column(c).setWidth(w) / row</code>	8,750	Auto-fit supported
9	48px	Row 8	Drag header edges to resize	<code>column(c).setWidth(w) / row</code>	10,000	Auto-fit supported
10						
11						

Row & Column Sizing LITE

Resize rows and columns by dragging headers or via the API, with auto-fit to content.

```
worksheet.setColumnWidth(col, 120)
```

Row & Column Insert / Delete / Hide PRO

Insert and delete rows or columns, and show or hide them. Formula references shift automatically.

```
worksheet.rows.insertAt(5, 2)
```

Formula Engine

An Excel-compatible formula engine with automatic recalculation and cross-sheet references.

	A	B	C	D	E
1					
2	Item	Price	Qty	Amount	Formula
3	Standing Desk	¥64,800	4	¥259,200	=B2*C2
4	Ergonomic Chair	¥49,800	6	¥298,800	=B3*C3
5	Monitor Arm	¥12,800	10	¥128,000	=B4*C4
6	USB-C Dock	¥18,800	8	¥148,800	=B5*C5
7	Webcam	¥9,800	12	¥117,600	=B6*C6
8	Subtotal			¥952,400	=SUM(D2:D6)
9	Tax (10%)			¥95,240	=D7*0.1
10	Total			¥1,047,640	=D7+D8
11					

Formula Engine LITE

Excel-compatible AST parser with a dependency graph — referenced cells recalculate automatically. A1 relative and absolute references, range references.

```
worksheet.setCellInput(r, c, '=A1+B1*2')
```

	A	B	C	D	E
1	Category	Formula	Result	Sales	Region
2	Math	=SUM(D2:D7)	8195	1250	East
3	Statistics	=AVERAGE(D2:D7)	1365.8333	890	West
4	Statistics	=MEDIAN(D2:D7)	1362.5	2100	East
5	Logical	=IF(SUM(D2:D7)>8000,"On target",")	On target	1475	North
6	Conditional	=SUMIF(E2:E7,"East",D2:D7)	5170	660	West
7	Conditional	=COUNTIFS(D2:D7,">1000",E2:E7,"Ea")	3	1620	East
8	Lookup	=XLOOKUP(2100,D2:D7,E2:E7)			East
9	Text	=PROPER("reogRID web")			Reogrid Web
10	Text	=CONCAT("Total: ",SUM(D2:D7))			Total: 8195
11	Date	=DATE(2026,6,11)			2026/06/11
12	Math	=ROUND(PI()*100,2)			314.16
13	Trig	=SIN(PI()/2)			1
14					
15					

109 Built-in Functions PRO

109 functions across math, statistics, trigonometry, logical, text, date/time, lookup, info, conditional aggregation, and random categories.

```
=SUM(A1:A10)
```

	A	B	C
1	Invoice Summary — cross-sheet references		
2	Item	Value	Formula
3	First line item (明細A1)	Standing Desk	=明細!A1
4	Subtotal of 明細 sheet	¥834,800	=SUM(明細!B1:B4)
5	Largest line item	¥298,800	=MAX(明細!B1:B4)
6	Line item count	4	=COUNT(明細!B1:B4)
7	Tax (10%)	¥83,480	=SUM(明細!B1:B4)*0.1
8	Grand total	¥918,280	=SUM(明細!B1:B4)*1.1
9			

Cross-Sheet Formulas LITE New in 1.3.0

Reference cells on other sheets — =Sheet1!A1, =SUM(明細!A1:A3), =VLOOKUP(A1,Master!A1:C10,2). Renames rewrite formulas; edits propagate across sheets.

```
=SUM('My Sheet'!A1:B2)
```

	A	B	C	D	E	F
1	Code	Product	Price		Formula	Result
2	P-001	Standing Desk	¥64,800		=VLOOKUP("P-003",A2:C7,2)	Monitor Arm
3	P-002	Ergonomic Chair	¥49,800		=VLOOKUP("P-003",A2:C7,3)	¥12,800
4	P-003	Monitor Arm	¥12,800		=XLOOKUP("P-005",A2:A7,B2:B7)	Webcam HD
5	P-004	USB-C Dock	¥18,800		=INDEX(B2:B7,MATCH("P-002",A2:A7,))	Ergonomic Chair
6	P-005	Webcam HD	¥9,800		=MATCH("P-004",A2:A7,0)	4
7	P-006	Desk Lamp	¥4,200		=ADDRESS(MATCH("P-006",A2:A7,0)+1)	¥87
8						
9						

Lookup & Reference PRO

VLOOKUP, HLOOKUP, XLOOKUP, INDEX, MATCH, XMATCH, ADDRESS, ROW, COLUMN, ROWS, COLUMNS.

```
=VLOOKUP(A2, D2:F10, 2)
```

	A	B	C	D	E	F
1	Region	Rep	Sales		Formula	Result
2	East	Tanaka	1,250		=SUMIF(A2:A9,"East",C2:C9)	5,170
3	West	Suzuki	890		=COUNTIF(A2:A9,"West")	3
4	East	Sato	2,100		=AVERAGEIF(A2:A9,"North",C2:C9)	1,228
5	North	Yamamoto	1,475		=SUMIFS(C2:C9,A2:A9,"East",C2:C9,">1")	3,920
6	West	Ito	660		=COUNTIFS(C2:C9,">1000",A2:A9,"East")	3
7	East	Watanabe	1,820		=MAXIFS(C2:C9,A2:A9,"West")	#NAME?
8	North	Kato	980		=MINIFS(C2:C9,A2:A9,"North")	#NAME?
9	West	Kimura	1,340			
10						

Conditional Aggregation PRO

SUMIF, COUNTIF, AVERAGEIF and the multi-criteria *IFS variants (SUMIFS, COUNTIFS, MAXIFS, MINIFS).

```
=SUMIFS(C2:C20, A2:A20, "East")
```

Formula Engine

Smart Formula Editor LITE

While editing a formula, click cells to insert references — each reference is color-coded with a matching outline on the grid, and ranges can be dragged to move or resize.

Advanced Features

Data-application features: filtering, sorting, grouping, rich cell types, and million-row datasets.

	A	B	C	D	E	F	G	H
1	Pattern	Number	Step 5	Date	Weekday	Formula	Copy	Mixed
2	source	1	5	1/15	Mon	10	ReoGrid	Item 1
3	source	2	10	1/16	Tue	20	ReoGrid	Item 2
4	filled	3	15	1/17	Wed	30	ReoGrid	Item 3
5	filled	4	20	1/18	Thu	40	ReoGrid	Item 4
6	filled	5	25	1/19	Fri	50	ReoGrid	Item 5
7	filled	6	30	1/20	Sat	60	ReoGrid	Item 6
8	filled	7	35	1/21	Sun	70	ReoGrid	Item 7
9	filled	8	40	1/22	Mon	80	ReoGrid	Item 8
10	filled	9	45	1/23	Tue	90	ReoGrid	Item 9
11	filled	10	50	1/24	Wed	100	ReoGrid	Item 10
12	filled	11	55	1/25	Thu	110	ReoGrid	Item 11
13	filled	12	60	1/26	Fri	120	ReoGrid	Item 12
14								

Auto-fill (Fill Handle) LITE

Drag the bottom-right square of the selection to extend values in any direction. Detects copy, arithmetic progression, date increment, and formula relative-reference patterns.

1	A	B	C	D	E	F	G	H	I	J	K	L	M
2	Region	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2	Tokyo 1	900	1,081	933	815	1,584	1,299	993	1,808	1,832	1,314	1,626	1,46
3	Osaka 1	1,725	863	1,061	1,061	1,547	990	1,625	1,201	1,863	1,711	884	1,29
4	Nagoya 1	1,884	1,532	1,465	1,366	1,867	1,862	1,058	1,003	1,755	998	728	94
5	Fukuoka 1	1,142	942	1,095	1,338	1,593	1,816	987	910	1,340	1,263	1,132	78
6	Sapporo 1	1,963	992	1,048	1,016	1,486	1,896	1,272	748	1,108	925	1,046	1,13
7	Sendai 1	998	1,297	1,421	849	1,859	1,186	1,794	1,452	1,451	1,274	1,297	1,53
8	Hiroshima 1	1,909	1,095	1,562	876	1,380	1,025	995	1,087	1,692	1,816	966	1,72
9	Kobe 1	818	1,110	730	816	1,984	820	1,446	716	1,191	1,389	706	1,96
10	Yokohama 1	1,828	1,835	1,827	1,861	1,641	913	515	872	814	502	1,425	84
11	Kyoto 1	1,811	1,234	1,531	807	1,823	892	1,990	1,841	877	1,233	904	1,89
12	Kawasaki 1	1,465	1,893	931	1,850	782	1,053	1,347	1,518	899	834	813	1,34
13	Chiba 1	578	1,654	1,551	1,571	1,247	649	665	1,878	696	1,531	1,839	95
14	Niigata 1	1,824	1,792	1,989	1,931	1,647	1,129	872	1,591	1,823	1,097	852	1,10
15	Shizuoka 1	1,830	1,338	1,027	1,432	1,682	1,022	1,687	1,154	797	967	1,978	1,99
16	Okayama 1	1,448	1,808	1,877	789	1,467	703	1,246	1,326	1,657	1,918	1,223	78
17	Yokyo 2	1,170	749	1,493	1,282	1,342	1,280	1,835	1,043	1,626	539	948	1,31
18	Osaka 2	904	1,094	936	863	1,489	1,143	612	1,009	1,234	1,872	1,895	1,52
19	Nagoya 2	1,838	537	1,642	1,401	1,588	1,847	555	703	620	862	627	51
20	Fukuoka 2	1,407	1,918	788	700	803	1,512	864	1,164	1,990	1,133	1,610	1,66
21	Sapporo 2	1,995	1,124	981	846	1,711	1,961	1,263	893	1,898	1,263	983	1,60
22	Sendai 2	755	817	909	1,469	1,334	1,220	1,990	612	1,120	971	506	50
23	Hiroshima 2	1,120	837	891	1,898	1,686	1,645	1,155	1,782	1,943	1,701	1,482	1,35
24	Kobe 2	1,022	1,110	1,245	1,242	1,351	1,582	1,497	1,448	1,563	1,828	1,787	1,98
25	Yokohama 2	1,157	1,230	1,935	1,962	1,036	618	1,014	1,823	1,562	1,607	1,932	1,68
26	Kyoto 2	810	897	1,697	696	1,873	1,700	1,452	1,567	1,303	1,164	1,808	1,34
27	Kawasaki 2	1,810	905	1,529	1,151	1,082	781	1,383	847	1,848	1,733	1,006	1,59
28	Chiba 2	1,816	873	961	1,881	501	687	1,095	532	1,539	1,846	799	81
29	Niigata 2	1,920	1,549	782	876	1,439	925	1,717	1,387	1,828	862	996	1,57
30	Shizuoka 2	1,932	1,321	1,382	1,666	1,693	1,000	1,396	906	968	1,419	837	1,37
31	Okayama 2	878	834	1,430	1,444	1,719	859	1,858	579	1,538	1,110	1,687	1,48
32	Yokyo 3	1,707	658	1,879	1,251	1,734	1,137	1,799	1,885	1,990	1,861	1,787	78
33	Osaka 3	1,928	731	687	1,992	1,902	984	615	890	1,811	1,868	1,934	91

Freeze Panes PRO

Freeze rows and columns so headers stay visible while scrolling large datasets.

```
worksheet.setFrozenRows(1)
```

1	A	B	C	D	E	F
1	Employee	Department	Sales	Deals	Win Rate	Join Year
2	Inoue L.	Development	15,954	23	84%	2015
3	Sato C.	Support	15,831	15	48%	2017
4	Kato I.	Sales	12,773	7	88%	2023
5	Yoshida J.	Marketing	12,252	34	74%	2024
6	Abe O.	Sales	12,176	11	36%	2020
7	Hayashi N.	Marketing	11,409	12	68%	2017
8	Suzuki B.	Marketing	10,843	12	66%	2016
9	Yamamoto D.	Development	10,799	7	84%	2018
10	Mori P.	Development	9,369	15	65%	2019
11	Watanabe E.	Sales	8,303	34	37%	2019
12	Kobayashi H.	Development	7,911	19	62%	2022
13	Kimura M.	Sales	5,995	40	79%	2016
14	Shimizu O.	Support	4,462	37	71%	2018
15	Ito F.	Marketing	3,731	8	40%	2020
16	Matsumoto K.	Support	3,634	5	61%	2025
17	Nakamura G.	Support	2,724	21	76%	2021
18	Ikeda R.	Marketing	2,453	44	76%	2021
19	Tanaka A.	Sales	2,002	35	82%	2015

Sorting PRO

Ascending and descending column sort, with custom comparators via the API.

```
worksheet.sortColumn(2, 'asc')
```

Advanced Features

Order ID	Product	Category	Region	Amount	Status
ORD-2000	Wireless Mouse	Electronics	Tokyo	¥29,259	Shipped
ORD-2001	USB-C Hub	Furniture	Tokyo	¥48,505	Delivered
ORD-2003	Ergonomic Chair	Electronics	Fukuoka	¥54,445	Delivered
ORD-2004	Keyboard	Furniture	Osaka	¥13,270	Shipped
ORD-2006	Webcam HD	Electronics	Nagoya	¥16,463	Shipped
ORD-2007	Desk Lamp	Furniture	Nagoya	¥26,898	Shipped
ORD-2009	USB-C Hub	Electronics	Nagoya	¥60,238	Delivered
ORD-2010	Standing Desk	Furniture	Tokyo	¥14,202	Pending
ORD-2012	Keyboard	Electronics	Fukuoka	¥76,923	Shipped
ORD-2013	Monitor Arm	Furniture	Tokyo	¥14,182	Pending
ORD-2015	Desk Lamp	Electronics	Osaka	¥69,515	Delivered
ORD-2016	Wireless Mouse	Furniture	Fukuoka	¥34,126	Delivered
ORD-2018	Standing Desk	Electronics	Fukuoka	¥41,579	Delivered
ORD-2019	Ergonomic Chair	Furniture	Nagoya	¥2,309	Shipped
ORD-2021	Monitor Arm	Electronics	Nagoya	¥46,735	Delivered
ORD-2022	Webcam HD	Furniture	Fukuoka	¥81,534	Delivered
ORD-2024	Wireless Mouse	Electronics	Tokyo	¥14,478	Pending
ORD-2025	USB-C Hub	Furniture	Osaka	¥6,187	Pending
ORD-2027	Ergonomic Chair	Electronics	Tokyo	¥43,890	Shipped
ORD-2028	Keyboard	Furniture	Nagoya	¥63,994	Delivered
ORD-2030	Webcam HD	Electronics	Nagoya	¥10,689	Pending
ORD-2031	Desk Lamp	Furniture	Fukuoka	¥42,539	Shipped

Auto-Filter PRO

Excel-style header dropdowns for filtering rows by value, combined with sorting. Handles 10,000+ rows with ease.

```
worksheet.createAutoFilter(range)
```

Account	Apr	May	Jun	Q1 Total	Budget	Diff
Salaries	3,200	3,200	3,300	9,700	10,185	485
Travel	420	510	380	1,310	1,376	66
Commissions	800	920	1,050	2,770	2,909	139
Sales Division	4,420	4,630	4,730	13,780		
Advertising	1,500	1,800	1,650	4,950	5,198	248
Events	300	0	700	1,000	1,050	50
Content	250	260	250	760	798	38
Marketing Division	2,050	2,060	2,600	6,710		
Salaries	5,100	5,100	5,300	15,500	16,275	775
Cloud Infra	880	910	960	2,750	2,888	138
Tooling	150	140	170	460	483	23
Development Division	6,130	6,150	6,430	18,710		

Grouping (Outline) PRO

Row and column outlining with collapse/expand controls and multi-level nesting.

```
worksheet.groupRows(2, 5)
```

Name	Sales	Achievement %	P&L %	Rating	Monthly Trend	Active	Profile
Tanaka Yuki	12,500	<div style="width: 80%;"></div>	<div style="width: 70%;"></div>	★★★★★		<input checked="" type="checkbox"/>	Tanaka
Suzuki Hana	9,800	<div style="width: 75%;"></div>	<div style="width: 60%;"></div>	★★★★☆		<input checked="" type="checkbox"/>	Suzuki
Sato Kenji	15,200	<div style="width: 90%;"></div>	<div style="width: 85%;"></div>	★★★★★		<input checked="" type="checkbox"/>	Sato
Yamamoto Aoi	4,300	<div style="width: 60%;"></div>	<div style="width: 50%;"></div>	★★★☆☆		<input type="checkbox"/>	Yamamoto
Watanabe Rika	11,000	<div style="width: 85%;"></div>	<div style="width: 75%;"></div>	★★★★☆		<input checked="" type="checkbox"/>	Watanabe
Ito Sota	7,800	<div style="width: 70%;"></div>	<div style="width: 65%;"></div>	★★★★☆		<input checked="" type="checkbox"/>	Ito
Nakamura Mai	13,800	<div style="width: 88%;"></div>	<div style="width: 80%;"></div>	★★★★★		<input checked="" type="checkbox"/>	Nakamura
Kobayashi Ren	5,100	<div style="width: 65%;"></div>	<div style="width: 55%;"></div>	★★★☆☆		<input type="checkbox"/>	Kobayashi
Kato Sakura	10,500	<div style="width: 82%;"></div>	<div style="width: 70%;"></div>	★★★★☆		<input checked="" type="checkbox"/>	Kato
Matsumoto Yuna	14,500	<div style="width: 92%;"></div>	<div style="width: 85%;"></div>	★★★★★		<input checked="" type="checkbox"/>	Matsumoto

Cell Types PRO

Checkbox, dropdown, button, progress bar, star rating, sparkline, and hyperlink — interactive widgets inside cells.

```
worksheet.setCellType(r, c, { type: 'progress' })
```

Product	Category	Stock	Target	Sales	Revenue	Status
Wireless Mouse	Electronics	150	200	210	6300	Delivered
USB-C Hub	Electronics	25	180	165	8250	Delivered
Standing Desk	Furniture	45	100	82	24600	Pending
Ergonomic Chair	Furniture	8	60	45	13500	Pending
Mechanical Keyboard	Electronics	200	300	320	25600	Delivered
Monitor Arm	Accessories	12	80	90	4500	Delivered
Webcam HD	Electronics	65	150	95	4750	Cancelled
Desk Lamp	Accessories	180	120	130	3900	Delivered
Laptop Stand	Accessories	5	90	70	2100	Pending
Noise-Cancel Buds	Electronics	15	250	180	14400	Pending
Whiteboard	Office	30	40	38	2280	Delivered
Paper Shredder	Office	3	20	12	1440	Cancelled

Conditional Formatting PRO

Value-, expression-, and text-based rules that restyle matching cells live, with per-side border overrides.

```
worksheet.addConditionalFormat(rule)
```

Advanced Features

1	A	B	C	D	E	F	G
Row	Order ID	Customer	Product	Amount	Date	Status	
49954	4499.957	ORC-0499957	Wayne Enterprises	Display Panel	8543	2020/2/18	Shipped
49955	4499.958	ORC-0499958	Hoel	Battery Pack	6842	2020/2/19	Pending
49956	4499.959	ORC-0499959	Vandelay	Cable Sat	7621	2020/4/20	Delivered
49957	4499.960	ORC-0499960	Acme Corp	Sensor Kit	8420	2020/5/21	Shipped
49958	4499.961	ORC-0499961	Globox	Control Module	2159	2020/6/22	Pending
49959	4499.962	ORC-0499962	Intech	Display Panel	10278	2020/7/23	Delivered
49960	4499.963	ORC-0499963	Umbrella	Battery Pack	1797	2020/8/24	Shipped
49961	4499.964	ORC-0499964	Stark Industries	Cable Sat	25916	2020/9/25	Pending
49962	4499.965	ORC-0499965	Wayne Enterprises	Sensor Kit	33835	2020/10/26	Delivered
49963	4499.966	ORC-0499966	Hoel	Control Module	41754	2020/11/27	Shipped
49964	4499.967	ORC-0499967	Vandelay	Display Panel	49673	2020/12/28	Pending
49965	4499.968	ORC-0499968	Acme Corp	Battery Pack	57392	2020/1/1	Delivered
49966	4499.969	ORC-0499969	Globox	Cable Sat	65511	2020/2/2	Shipped
49967	4499.970	ORC-0499970	Intech	Sensor Kit	73420	2020/3/3	Pending
49968	4499.971	ORC-0499971	Umbrella	Control Module	81349	2020/4/4	Delivered
49969	4499.972	ORC-0499972	Stark Industries	Display Panel	89288	2020/5/5	Shipped
49970	4499.973	ORC-0499973	Wayne Enterprises	Battery Pack	7187	2020/6/6	Pending
49971	4499.974	ORC-0499974	Hoel	Cable Sat	15192	2020/7/7	Delivered
49972	4499.975	ORC-0499975	Vandelay	Sensor Kit	23025	2020/8/8	Shipped
49973	4499.976	ORC-0499976	Acme Corp	Control Module	3084	2020/9/9	Pending
49974	4499.977	ORC-0499977	Globox	Display Panel	3883	2020/10/10	Delivered
49975	4499.978	ORC-0499978	Intech	Battery Pack	46782	2020/11/11	Shipped
49976	4499.979	ORC-0499979	Umbrella	Cable Sat	54731	2020/12/12	Pending
49977	4499.980	ORC-0499980	Stark Industries	Sensor Kit	62620	2020/1/13	Delivered
49978	4499.981	ORC-0499981	Wayne Enterprises	Control Module	70539	2020/2/14	Shipped
49979	4499.982	ORC-0499982	Hoel	Display Panel	78448	2020/3/15	Pending
49980	4499.983	ORC-0499983	Vandelay	Battery Pack	86217	2020/4/16	Delivered
49981	4499.984	ORC-0499984	Acme Corp	Cable Sat	9426	2020/5/17	Shipped
49982	4499.985	ORC-0499985	Globox	Sensor Kit	12215	2020/6/18	Pending
49983	4499.986	ORC-0499986	Intech	Control Module	20134	2020/7/19	Delivered
49984	4499.987	ORC-0499987	Umbrella	Display Panel	28053	2020/8/20	Shipped
49985	4499.988	ORC-0499988	Stark Industries	Battery Pack	35972	2020/9/21	Pending

Delay Load — 1,000,000 Rows PRO

setDataSource() fetches only visible rows on demand — display million-row datasets while keeping a few hundred rows in memory.

```
worksheet.setDataSource({ rowCount: 1_000_000, load })
```

Cell Protection LITE

Sheet protection with per-cell locking — keep templates intact while users edit input cells.

Images PRO

Insert and position images over the grid — logos on invoices, product photos in catalogs.

Data I/O

Move data in and out: Excel files, lossless JSON, clipboard, and printing.

The screenshot shows a Gantt chart template with columns for task ID, title, owner, start/end dates, duration, and completion percentage. It also includes a weekly Gantt view with days of the week (M-Tu-W-Fr-Sa-Su) and progress bars for each task. The tasks are organized into three main phases: Project Conception and Initiat, Project Definition and Planin, and Project Conception and Initiat.

XLSX Import LITE

Load Excel files from a URL, File object, or ArrayBuffer — all sheets, styles, merges, borders, and formulas. Chunked async loading for big files.

```
instance.loadFromUrl('/data/report.xlsx')
```

XLSX Export PRO

Save the whole workbook as an .xlsx file — multi-sheet, styles, formulas, borders, and conditional formats round-trip to Excel.

```
instance.saveAsXlsx('report.xlsx')
```

ReoGrid JSON LITE

Native lossless serialization — preserves cells, styles, number formats, merges, borders, freeze, conditional formats, outlines, filters, cell types, and protection.

```
instance.toJson() / instance.loadJson(json)
```

Clipboard LITE

Copy, cut, and paste with the OS clipboard in TSV and HTML formats — interoperable with Excel and Google Sheets.

Printing PRO

Convert worksheets to styled HTML tables for browser printing, preserving merges and borders.

```
worksheet.printAsHTML()
```

UI Features

Polished editing UX out of the box: inline editor, undo/redo, shortcuts, and animation.

	A	B	C	D	E	F
1	Customer	Plan	Seats	MRR	Renewal	Owner
2	Acme Corp	Enterprise	20	\$2,743	2026/1/1	Tanaka
3	Globex	Business	425	\$8,071	2026/2/4	Suzuki
4	Initech	Starter	47	\$7,361	2026/3/7	Sato
5	Umbrella	Enterprise	403	\$5,636	2026/4/10	Watanabe
6	Stark Industries	Business	283	\$8,952	2026/5/13	Ito
7	Wayne Enterprises	Starter	269	\$9,385	2026/6/16	Tanaka
8	Hook	Enterprise	80	\$6,083	2026/7/19	Suzuki
9	Vandelay	Business	456	\$546	2026/8/22	Sato
10	Wonka Industries	Starter	216	\$1,743	2026/9/25	Watanabe
11	Tyrell Corp	Enterprise	268	\$1,795	2026/10/1	Ito
12	Cyberdyne	Business	66	\$6,913	2026/11/4	Tanaka
13	Soylent Corp	Starter	26	\$8,265	2026/12/7	Suzuki
14	Massive Dynamic	Enterprise	204	\$9,598	2026/1/10	Sato
15	Pied Piper	Business	290	\$1,607	2026/2/13	Watanabe
16	Aviato	Starter	54	\$9,242	2026/3/16	Ito
17	Dunder Mifflin	Enterprise	248	\$9,594	2026/4/19	Tanaka
18	Prestige Worldwide	Business	241	\$8,165	2026/5/22	Suzuki
19	Bluth Company	Starter	266	\$6,009	2026/6/25	Sato

Alternating Row Colors LITE

Built-in background striping for even/odd rows — readable tables without per-cell styling.

Cell Editor LITE

Inline WYSIWYG text editing via double-click, F2, or Enter — the editor mirrors the cell's font, line height, and alignment.

Undo / Redo LITE

Action-based undo and redo (up to 30 steps), isolated per sheet.

`Ctrl+Z / Ctrl+Y`

Keyboard Shortcuts LITE

`Ctrl+Z/Y`, `Ctrl+C/V/X`, Tab, Enter, arrow-key navigation, and more.

Context Menu LITE

A right-click event API for building custom context menus that match your application.

`instance.onContextMenu(handler)`

Grid Lines & Appearance LITE

Toggle grid line visibility per sheet — useful for document-style layouts like invoices.

UI Features

Cell Tooltip PRO

Contextual tooltips on hover — ideal for validation messages and inline help.

```
worksheet.setCellTooltip(r, c, text)
```

Animation PRO

Smooth animation on cell value changes, with configurable duration and easing.

```
createReogrid({ animation: true })
```

Edition Comparison

	Lite (Free)	Pro (Paid)
Rows	Up to 100 rows	Unlimited
Columns	Up to 26 columns (A-Z)	Unlimited
Formulas	Arithmetic only	All 109 functions
Multi-Sheet Workbook	✓	✓
Cross-Sheet Formulas	✓	✓
Cell Styles	✓	✓
Number Formatting	✓	✓
Borders	✓	✓
Cell Merging	✓	✓
Auto-fill	✓	✓
Smart Formula Editor	✓	✓
Freeze Panes	—	✓
XLSX Import	✓	✓

	Lite (Free)	Pro (Paid)
XLSX Export	—	✓
ReoGrid JSON I/O	✓	✓
Cell Types	—	✓
Row/Column Insert & Delete	—	✓
Row/Column Show & Hide	—	✓
Sort & Filter	—	✓
Delay Load (1,000,000 rows)	—	✓
Grouping	—	✓
Conditional Formatting	—	✓
Cell Tooltip	—	✓
Animation	—	✓
Images	—	✓
Printing	—	✓

Framework Support

Framework	Package	Component
React ≥17	@reogrid/lite/react or @reogrid/pro/react	<Reogrid> (forwardRef)
Vue ≥3	@reogrid/lite/vue or @reogrid/pro/vue	<Reogrid> (Composition API)
Vanilla JS/TS	@reogrid/lite or @reogrid/pro	createReogrid()

ReoGrid Web

Get started today

Live demos & docs: <https://web.reogrid.net>

Free trial & licensing: <https://reogrid.net>

npm: @reogrid/lite · @reogrid/pro