

Feature Comparison Matrix

Explore all of the features offered by C1FlexGrid, C1DataGrid, and MS DataGrid.

Data Binding

Features	C1FlexGrid	C1DataGrid	MS DataGrid
Bound mode	✓	✓	✓
Unbound mode	✓		

Layout and Appearance

Features	C1FlexGrid	C1DataGrid	MS DataGrid
Themes	17 Themes	17 Themes	
ClearStyle		✓	

Presentation

Features	C1FlexGrid	C1DataGrid	MS DataGrid
Autogenerate Columns	✓	✓	✓
Text Column	✓	✓	✓
CheckBox Column	✓	✓	✓
ComboBox Column	✓	✓	✓
Hyperlink Column		✓	✓
DateTime Column		✓	
Numeric Column		✓	
Image Column		✓	
Frozen Columns	✓	✓	✓
Frozen Rows	✓	✓	
Custom Columns	✓	✓	✓
Custom Rows		✓	

Custom Cells (Cell Factory)	✓		
Add New Row	✓	✓	✓
Merged Cells	✓	✓	
Row Details		✓	✓
Hierarchical View	✓	with custom code	

Sorting

Features	C1FlexGrid	C1DataGrid	MS DataGrid
ICollectionView	✓	✓	✓

Filtering

Features	C1FlexGrid	C1DataGrid	MS DataGrid
ICollectionView	✓	✓	✓
Excel-like Filtering	✓	✓	
Filter Row	with custom code	✓	
Custom Filters		✓	
Full-text Search		✓	

Grouping

Features	C1FlexGrid	C1DataGrid	MS DataGrid
ICollectionView	✓	✓	✓
Drag and Drop Grouping	✓	✓	
Subtotals	✓	✓	

Editing

Features	C1FlexGrid	C1DataGrid	MS DataGrid
In-cell Editing	✓	✓	✓
Validation	✓	✓	✓
IDataErrorInfo	✓	✓	✓
IEditableObject		✓	✓
ICustomTypeDescriptor	✓	✓	✓
Data Annotations	✓	✓	

Printing

Feature	C1FlexGrid	C1DataGrid	MS DataGrid
Printing	✓	✓	

Export

Features	C1FlexGrid	C1DataGrid	MS DataGrid
Excel	✓	✓	
Text	✓		
HTML	✓		

Ux

Features	C1FlexGrid	C1DataGrid	MS DataGrid
Keyboard Navigation	✓	✓	✓
RTL Support	✓	✓	✓
Touch Support	✓	✓	✓
Clipboard Support	✓	✓	✓
Multiple Selection Modes	✓	✓	✓

Localization

Features	C1FlexGrid	C1DataGrid	MS DataGrid
.NET Localization Support	✓	✓	✓
Included Translations	25 Languages	25 Languages	✓
Regional Settings (Number, date, currency)	✓	✓	✓

Performance

Features	C1FlexGrid	C1DataGrid	MS DataGrid
Deferred Scrolling	✓	✓	✓
UI Virtualization	25 Languages	25 Languages	✓
Server-side Data Virtualization with C1DataSource	✓	✓	

Other Features

Features	C1FlexGrid	C1DataGrid	MS DataGrid
Design-time Support	✓	✓	✓
WPF/Silverlight Compatibility	25 Languages	25 Languages	✓
UI Automation	✓	✓	
Assembly Size	287 KB	797 KB	part of Presentation Framework.dll