# Recommended System Requirements

|  |  |
| --- | --- |
| CPU | Intel® Core i5 |
| Memory | 16 Gbytes |
| Operating System | Windows 10 Professional |
| Hard Disk space | 240MB + (data size x 2) |

# 1.5 Shortcut key

|  |  |  |  |
| --- | --- | --- | --- |
| Shortcut | function | Shortcut | function |
| Ctrl + N | New | Alt + V, T | Toolbar |
| Ctrl + O | Open | Alt + V, T, S | Standard Toolbar |
| Ctrl + S | Save | Alt + V, T, N | Node |
| Ctrl + P | Print | Alt + V, T, P | Node Properties |
| F5 | Execute | Alt + V, T, E | Resource Window |
| Shift + F5 | Stop Execution | Alt + V, T, H | Dynamic Help |
| Ctrl + F5 | Part Execute | Alt + V, S | Status Bar |
| Alt + P | Project | Alt + V, E | Data Browser |
| Alt + P, N | New | Alt + S | Stream |
| Alt + P, O | Open | Alt + S, A | Add Node |
| Alt + P, C | Close | Alt + S, C | Connect Upon Creating Node |
| Alt + P, S | Save | Alt + S, N | Connect |
| Alt + P, A | Save As | Alt + S, L | Disconnect |
| Alt + P, P | Print | Alt + S, R | Execute |
| Alt + P, V | Print Preview | Alt + S, S | Stop Execution |
| Alt + P, R | Print Setting | Alt + S, N | Part Execute |
| Alt + P, X | Exit | Alt + T | Tool |
| Alt + E | Edit | Alt + T, O | Option |
| Alt + E, T | Cut | Alt + T, I | Initialize Program Environment |
| Alt + E, C | Copy | Alt + W | Window |
| Alt + E, P | Paste | Alt + W, C | Cascade Alignment |
| Alt + E, D | Delete | Alt + W, T | Grid Alignment |
| Alt + V | View | Alt + H | Help |
| Alt + V, T, M | Message | Alt + H, A | ECMiner™ Info |

# Node Properties

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Property group | Property Name | Description | Misc. | Note |
| DB Connection | ODBC Editing | Add a new DSN (Data Source Name) for ODBC connections. | button |  |
| Data Source | Displays a list of registered ODBC DSNs on the current PC for selection. | Required |  |
| User Name | Enter the **username** to access the database. |  |
| Password | Enter the user **password** to access the database. |  |
| Partial Read | Partial Read Method | Specifies the method for partially reading the database. | Required | Read All, From the beginning, Random Sampling |
| Partial Read Arguments | With 'From the beginning', the argument is the number of observations. With 'Random Sampling', it is the percentage of observations. |  |  |
| Table | Fetch DB Information | Retrieve information about the database’s schema, tables, views, and other elements from the accessed database. | button |  |
| Use Query | Specify whether to fetch data using a query. |  | Yes, No |
| Table Type | Select the database schema to display in the table attribute. It supports both tables and views. |  | All, Table, View |
| Schema | Display list of table spaces or owners. |  |  |
| Table | Specifies the table from which to import the data. |  |  |
| Query | Edit Query | Activated when the ‘**Use Query’** attribute is set to **'Yes'**. Popping up the query editor, edit, load, and save the query. | button |  |
| Check Query | Check current inputted query. Click the ‘Edit Query’ button to modify it. |  |  |
| Variable Information | Variable Information | Displays the variable name and data type |  |  |