

## Illuminated White LED Keyboard

The **illuminated white LED keyboard** has an embedded numerical keypad for easy numeric data input, and features function keys to allow you to change operational features instantly. See *Table 1 - 6, on page 1 - 24* for full function key combination details.



Figure 1 - 5 - Illuminated White LED Keyboard

### Special Characters

Some software applications allow the number-keys to be used with **Alt** to produce special characters. These special characters can only be produced by using the numeric keypad. Regular number keys (in the upper row of the keyboard) will not work. Make sure that **NumLk** is on.



### Other Keyboards

If your keyboard is damaged or you just want to make a change, you can use any standard USB keyboard. The system will detect and enable it automatically. However special functions/hot-keys unique to the system's regular keyboard may not work.

### Scr Lk

Hold down the **Fn Key** and **Scr Lk** to enable scroll lock and check the LED indicator for status.



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### Scr Lk

Hold down the **Fn** Key and **Scr Lk** to enable scroll lock and check the LED indicator for status.

## Illuminated Color LED Keyboard

The illuminated colored keyboard has an embedded numerical keypad for easy numeric data input, and features function keys to allow you to change operational features instantly. See [Table 1 - 6, on page 1 - 24](#) for full function key combination details. and see [“Keyboard Backlight LED” on page 1 - 15](#).

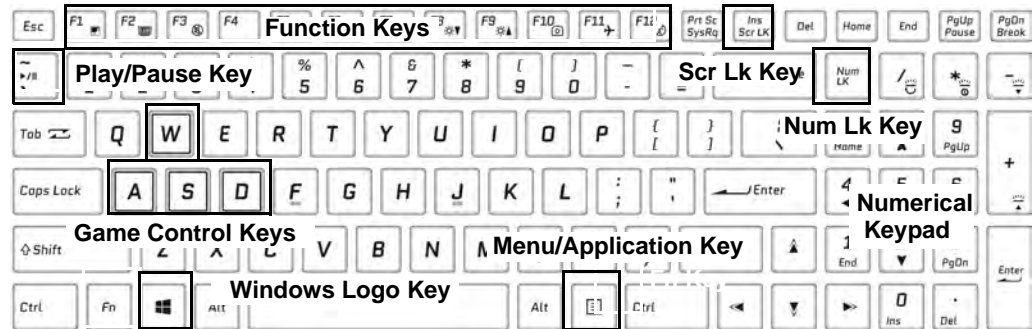


Figure 1 - 6 - Illuminated Color LED Keyboard



### Special Characters

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## Keyboard Application Settings


### (Illuminated Keyboard Option)

If your computer includes an illuminated keyboard (factory option), you will need to install the keyboard **Control Center** application driver and you can then select the type of keyboard as appropriate for your model's configuration (you can only select keyboards supported by your system). After the driver has been installed, and the system restarts, the control panel below will pop-up to allow you to select the **illuminated white keyboard** for your system. Click **Save** to retain the setting chosen.




Figure 1 - 7 - Keyboard Settings for Illuminated Keyboard Option

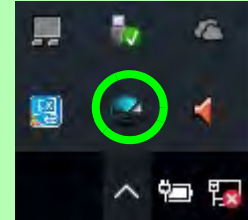
## Control Center

When in the **Windows Desktop application** (not in the **Start** screen) press the **Fn + Esc** key combination, or **double-click the icon**  in the **notification area of the taskbar** to toggle the **Control Center** on/off. The **Control Center** gives quick access to frequently used controls and enables you to quickly turn the camera/Touch Pad on/off (see [Appendix B](#) for full details).



### Control Center Access

To run the Control Center press the **Fn + Esc** key combination, or double-click the icon  in the notification area of the taskbar.














Close the Control Center by clicking the  close icon in the top right of the panel (move the cursor onto the top right corner of the panel to highlight it).

Figure 1 - 8 - Control Center

# Keyboard Backlight LED

(For Illuminated Colored Keyboards Only)

Press **Fn** plus the  **2** key to toggle the keyboard LED on/off. The keyboard LED may be configured using the **Fn + key combination** outlined in the table below. In addition press **Fn** plus the  **1** key to launch the keyboard backlight application to configure the settings (see overleaf).

Main Keyboard Colored LED Function key Combinations	
<b>Fn +</b> 	<b>1</b> Launch the Keyboard Backlight Application
<b>Fn +</b> 	<b>2</b> Toggle the Keyboard Backlight LED On/Off  
<b>Fn +</b> 	<b>3</b> Keyboard Backlight LED Low 
<b>Fn +</b> 	<b>4</b> Keyboard Backlight LED High 

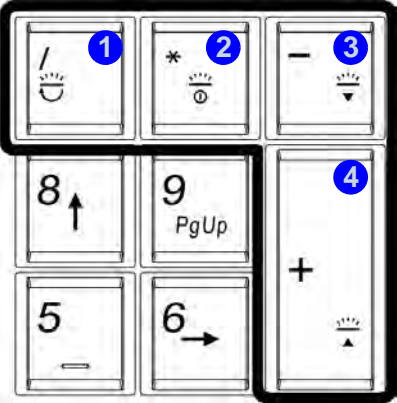


Table 1 - 3 - Main Keyboard LEDs

## Quick Start Guide

### Keyboard Backlight Application (for Illuminated Colored Keyboards)

The **Keyboard Backlight application** can be accessed by pressing the **Fn** plus  key (or by clicking the **Flexikey** button in the **Gaming** section of the Control Center, and then clicking the **Backlight** tab).



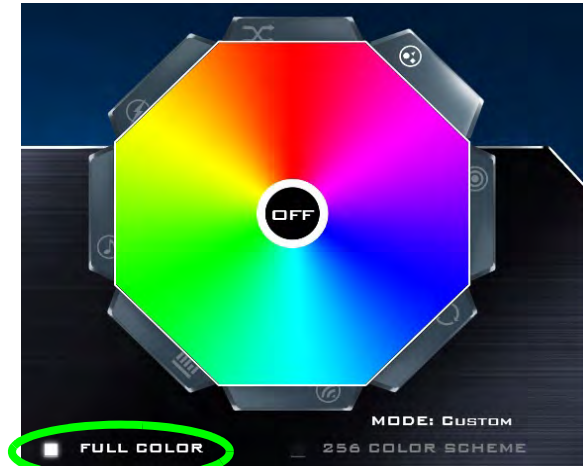
Figure 1 - 9 - Keyboard Backlight Application

## Brightness

Click on any of the numbers (0 - 3) on the brightness bar to set the brightness level of the keyboard backlight.

## Color Swatch

The color swatch in the top right of the screen allows you to select a range of colors for your keyboard backlight by clicking on the color required. You can choose to display the swatch either in **Full Color** or as a **256 Color Scheme**. Click the **Custom** mode button to select any colors from the swatch and to apply your chosen colors to parts of the keyboard (and **Top Case Logo LED** if applicable).



Full Color Swatch



256 Color Scheme Swatch

Figure 1 - 10 - Keyboard Backlight Color Swatches



## Quick Start Guide

### Modes

The buttons surrounding the swatch allow you to alter the effects of the keyboard backlight. Click on any of the buttons to view the effects on the keyboard. Click **Save** when exiting the application to retain the setting.










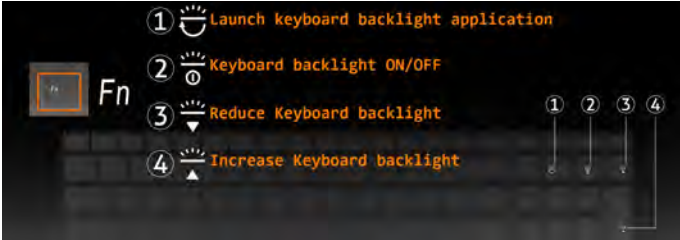
Mode Buttons				
	Random Color		Wave Up/Down	 <p><b>Illumination Keys</b></p> <p>Note that the keyboard illumination (increase/decrease) keys may be used to configure the keyboard LED in <b>Custom Mode</b> only.</p>
	<b>Custom</b> - Display & Configure Keyboard Sections & Colors		Dancing Effect	
	Breathe (All Colors)		Tempo Beat	
	Cycle Colors		Flashing	
				

Table 1 - 4 - Mode Buttons



## Preview

The bottom left section of the application allows you to preview setting changes made to colors on the keyboard.

## Keyboard LED Sections

The bottom right section of the application allows you to select partial areas, or all, of the keyboard on which to apply the color changes and effects.



Figure 1 - 11 - Preview & Keyboard LED Sections

## Quick Start Guide

### Sets

The application allows you to save up to 3 sets of color and effect combinations. Click **Save** when exiting the application to retain the settings.



Figure 1 - 12 - Sets



### Save & Exit

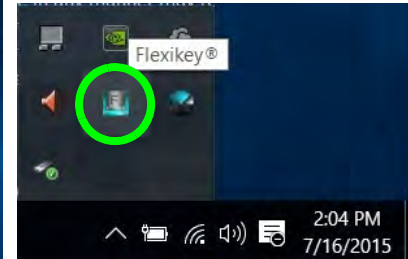
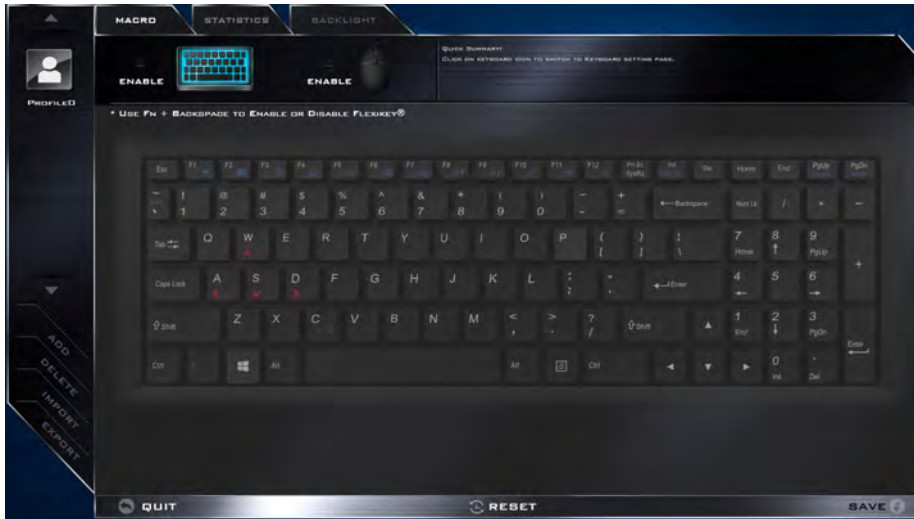
Click **Exit** to quit the application without saving, or **Save** to exit and retain the settings.



Figure 1 - 13 - Save & Exit

# Flexikey® Application

The **Flexikey®** application is a quick hotkey configuration application, which allows you to **assign a single key to launch multiple key combinations**, or to **launch programs and applications**, to **create text macros** and to **disable** certain keys. The application can also be used to **configure the mouse buttons** to create hotkeys for gaming etc. All the configuration settings are retained under (up to 12) **profiles** to which the settings are applied. Click **Flexikey®** in the **Gaming** section of the Control Center, or the **click the icon**   in the notification area of the taskbar, to launch the application (see [Appendix B](#) for full details).



Flexikey® Enabled



Flexikey® Disabled

Figure 1 - 14 - Flexikey® Hotkey Application

## Flexikey® Application Features:

For full details see *“Flexikey® Application” on page B - 8.*

- **EXPRESS KEY** - This feature allows you to configure a single key (or mouse click) to send multiple key combinations, or to create more useful shortcut keys. This is useful in gaming or when using applications which have a complex set of keyboard shortcuts.
- **LAUNCH APP** - This simply assigns single keys (or mouse clicks) to launch any program's or application's executable file.
- **EXPRESS TEXT** - With this you can assign single keys (or mouse clicks) to send commonly used strings of text.
- **DISABLE** - Use this function to disable any keyboard keys or mouse buttons.
- **STATISTICS** - Use this to quickly record keys in use in any application, and to disable unused keys.

## Keyboard Shortcuts

The following Windows Logo Key (Winkey) keyboard shortcuts are useful for navigation/operation in *Windows 10*.



Windows Logo  Key +	Description
Tap Winkey	Toggle the <b>Start</b> menu
A	Open the <b>Action Center</b>
B	Select the <b>Taskbar Notification Area</b>
C	Launch <b>Cortana</b> (in listening mode)
D	Toggle the <b>Desktop</b>
E	Launch <b>File Explorer</b> (Quick Access tab)
+ Number (1, 2, etc)	Launch an application from the taskbar (numbered from left to right)


Table 1 - 5 - Keyboard Shortcuts



### Windows Logo Keyboard Shortcut

Use the Windows logo key  + **D key combination** to switch between the Start screen and Windows Desktop.

### Menu/Application Keyboard Shortcut

When the Desktop app is running you can use the Menu/Application key  on the keyboard to display the context menu as per a mouse right-click.

## Function Keys & Visual Indicators

The **function keys** (F1 - F12 etc.) will act as **hot keys** when pressed while the **Fn** key is held down.












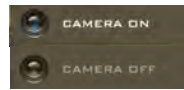


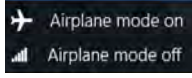





Keys	Function/Visual Indicators	Keys	Function/Visual Indicators
Fn + 	Fan Control Toggle Automatic / Full Power 	Fn + 	<b>Control Center</b> Toggle (see over)
Fn + 	Play/Pause (in Audio/Video Programs)	Fn + 	Display Toggle
Fn + 	Touchpad Toggle 	Fn +  	Brightness Decrease/Increase
Fn + 	Turn LCD Backlight Off (Press a key to or use Touchpad to turn on)	Fn + 	PC Camera Power Toggle 
Fn + 	Mute Toggle	Fn + 	Airplane Mode Toggle 
Fn + 	For Backlight Keyboards Only Toggle Off/High/Low 	Fn + 	Sleep Toggle
Fn +  	Volume Decrease/Increase		

Table 1 - 6 - Function Keys & Visual Indicators