Intel-powered Convertible Classmate PCs

Quick Controller

User Manual

For Ubuntu Netbook Remix Operating System

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1 Introduction

Intel-powered convertible classmate PCs are affordable, rugged, fun netbooks built for learning. Based on research in educational settings, the child-friendly design converts from a clamshell to a touch-optimized tablet – promoting intuitive use, interactive learning, and new mobility. Intel-powered convertible classmate PCs come with education-specific features and software and are supported by a wide range of local vendors.

Quick Controller is a special control panel that provides the user a simple way to customize their computer. It can adjust LCD brightness, system volume, rotation, and launch some special system tools.

A summary of the features are listed below:

- Brightness Adjustment: Adjust LCD brightness;
- Volume Control: Mute/Un-Mute, Volume adjustment;
- Switch Display: Toggle among CMPC LCD only, Dual Display, and External Monitor Only modes;
- Touch Screen Calibration: Launch touch screen tool to calibrate touch screen;
- Show/Hide Cursor: Show/Hide system cursor;
- Rotation: Auto/Manual rotation, it can rotation 90 and 180 degree.

1.1 System Requirements

Operating System: Microsoft Windows* XP.

1.2 Install

The application can be installed by clicking **DEB** install package. If an earlier version of the application is detected, a prompt will promote the user to upgrade it.

1.3 Uninstall

If you does not login as Root account, run command: sudo dpkg –r quick-controller.

1.4 Start Up

Click **Application** -> **Other** -> **Quick Controller** to launch the application or click the shortcut on desktop. Double-clicking the Bezel button will also launch the application.

2 Features

2.1 Quick Controller Main Panel

The figure below shows the Quick Controller.

Figure 1 - Quick Controller Main Panel

2.2 Brightness Adjustment

System brightness can be adjusted by pressing the corresponding up/down button or directly clicking on the progress bar of Quick Controller.

Figure 2 - Quick Controller Brightness Adjustment

2.3 Volume Control

The volume can be adjusted in two ways:

- Adjusting volume level.
- Muting or un-muting the volume.

2.3.1 Volume Adjustment

The volume level can be adjusted by pressing the corresponding up/down button or directly clicking on the progress bar of Quick Controller.

When the volume reaches the maximum value, the up button will not work.

When the volume reaches the minimum value, the down button will not work.

Figure 3 - Quick Controller Volume Adjustment

2.3.2 Mute/Un-Mute Switch

When the **Mute** button is clicked, Quick Controller will check the current status and change it to the opposite one.

When the checkbox in the **Mute** button is checked, then the current volume is muted.

Figure 4 - Mute Status

When the checkbox in the Mute button is unchecked, then the current volume is un-muted.

Figure 5 - Un-Mute Status

2.4 Switch Display

The display screen has three display modes: CMPC LCD only, Dual Display, and External Monitor Only. User can toggle among these 3 modes by clicking the **Switch Display** button.

Figure 6 - Switch Display Button

2.5 Calibrate Screen

The **Calibrate Screen** button launches the Screen Calibration tool.

Figure 7 - Calibrate Screen Button

2.6 Show / Hide Cursor

(On clamshell mode, the show cursor function is disabled.

On tablet mode, the show cursor function is enabled.)

Clicking the **Show Cursor** button will show or hide system cursor.

If the show cursor button is clicked, Quick Controller will change the current status to the opposite one.

When the checkbox in Show Cursor button is checked, then the current system cursor is shown.

Figure 8 - Show Cursor

When the checkbox in Show Cursor button is unchecked, then the current system cursor is hidden.

Figure 9 - Hide Cursor

2.7 Screen Rotation

There are two screen rotation modes:

- Auto rotation.
- Manual rotation.

2.7.1 Auto Rotation

When the checkbox in **Auto Rotation** button is checked, the accelerometer will detect the orientation of the screen and the screen will be rotated automatically according to the orientation.

Figure 10 - Auto Rotation Mode

2.7.2 Manual Rotation

When the checkbox in **Auto Rotation** button is unchecked, the screen can be manually rotated clockwise or counterclockwise by 90 degree or 180 degree by pressing the corresponding rotate button. Clicking the Auto Mode will switch to auto rotation mode.

Figure 11 - Manual Rotation Mode

3 About

The About window can be opened by clicking the button on the Quick Controller. This window shows the product name, version, and copyright information.

Figure 12 - About Dialog

4 Exit

The application can be closed in two ways:

- Clicking the **Close** button on the Quick Controller will close the application.
- Clicking any blank area of the screen will close the panel.
- The application will automatically close after 15 seconds if no activity is detected by Quick Controller

5 Frequently Asked Questions

Q: Why are some buttons in Quick Controller unusable?

A: Some related tools which Quick Controller uses are not installed on the computer.

Q: Why does Quick Controller exit, when I am doing some other operations?

A: Quick Controller will exit when the panel is not active or if after 15 seconds there isn't any activity on the panel. The application can be restarted as mentioned in the *1.4 Startup section*.