

## SF20GM6 SF20GM7

# Laptop Keyboard for ECS SF20GM6 SF20GM7

Installation and User Manual

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your new Generic Laptop Keyboard, compatible with ECS SF20GM6 and SF20GM7 laptop models. Please read this manual carefully before proceeding with installation or use to ensure proper functionality and to prevent damage.

## SAFETY INFORMATION

Always disconnect power from your laptop and remove the battery (if applicable) before beginning any installation or maintenance. Use appropriate tools and anti-static precautions, such as an anti-static wrist strap, to prevent electrostatic discharge (ESD) damage to electronic components. If you are unsure about any step, consult a qualified technician.

## PACKAGE CONTENTS

- 1 x Laptop Keyboard for ECS SF20GM6 SF20GM7 (English US, Black with Frame)

## SETUP (INSTALLATION)

### 1. Preparation

- Ensure your laptop is powered off and disconnected from all power sources. Remove the battery if possible.
- Gather necessary tools: a small Phillips head screwdriver, a plastic pry tool (spudger), and an anti-static wrist strap (recommended).

### 2. Removing the Old Keyboard

1. Carefully locate and remove any screws securing the old keyboard. These are often found on the bottom of the laptop or sometimes under the battery compartment.
2. Using a plastic pry tool, gently lift the edges of the old keyboard. Work slowly around the perimeter to release any clips. Be cautious of ribbon cables underneath.
3. Once the keyboard is loose, carefully flip it over to expose the ribbon cables connecting it to the motherboard.
4. Disconnect the ribbon cables from the motherboard. There are usually two: one for the keyboard keys and one for the backlight (if applicable). Gently flip up the small locking tabs on the connectors before carefully pulling the cables out. Do not force them.

### 3. Installing the New Keyboard

1. Align the new keyboard's ribbon cables with the corresponding connectors on the motherboard. Gently insert the

cables fully into the connectors and then push down the locking tabs to secure them. Ensure the cables are not creased or damaged.

2. Carefully place the new keyboard into its housing, ensuring all clips and tabs align correctly. Gently press down around the edges until it snaps into place.
3. Re-insert any screws that secured the keyboard.

#### 4. Final Steps

1. Reinstall the laptop battery (if removed) and reconnect the power adapter.
2. Power on the laptop and test all keys, including function keys and special characters, to ensure proper functionality.



An image showing the top-down view of the replacement laptop keyboard, highlighting its layout and frame.

## OPERATING

The new keyboard functions identically to your original laptop keyboard. All standard keys, function keys (Fn combinations), and special characters should operate as expected. If your original keyboard had a backlight, the new

keyboard should also support this feature, typically activated via an Fn key combination (e.g., Fn + F3 or Fn + F4). Refer to your laptop's specific model manual for exact key combinations to control backlight intensity or on/off.

## MAINTENANCE

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To clean the keyboard, first power off your laptop. Use a soft, lint-free cloth slightly dampened with water or a mild electronics cleaner. Avoid spraying liquids directly onto the keyboard. For removing dust and debris from between the keys, use compressed air, holding the can upright and spraying in short bursts.

## TROUBLESHOOTING

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### Keyboard Not Responding

- Ensure all ribbon cables are securely connected. Power off the laptop, disconnect, and re-seat the cables firmly.
- Restart the laptop.
- Check Device Manager (Windows) or System Information (macOS) to ensure the keyboard is detected by the operating system. Reinstall or update drivers if necessary.

### Certain Keys Not Working

- Check for physical obstructions or debris under the affected key. Clean the keyboard as described in the Maintenance section.
- If the issue persists, it may indicate a faulty keyboard or connection. Re-check ribbon cable connections.

### Backlight Not Working

- Ensure the backlight feature is enabled via the appropriate Fn key combination for your laptop model.
- Verify that your specific laptop model originally supported a keyboard backlight, as some models may not.

## SPECIFICATIONS

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<b>Product Dimensions</b>	11.81 x 7.87 x 3.94 inches
<b>Item Weight</b>	2.2 pounds
<b>Manufacturer</b>	Generic
<b>Compatibility</b>	ECS SF20GM6, ECS SF20GM7
<b>Layout</b>	English US

## WARRANTY

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This product comes with a 90-day warranty from the date of purchase. The warranty covers manufacturing defects but does not cover damage caused by improper installation, misuse, accidental damage, or normal wear and tear. Please retain your proof of purchase for any warranty claims.

## SUPPORT

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For further assistance or technical support, please contact your retailer or the manufacturer. When contacting support, please have your product model number (ECS SF20GM6 / SF20GM7) and proof of purchase readily available to expedite the process.

