uxcell a16090600ux0546

uxcell #6-32 Multi-Purpose Computer Screws User Manual

Model: a16090600ux0546

INTRODUCTION

This manual provides instructions for the uxcell #6-32 Multi-Purpose Computer Screws. These screws are designed for securing various components within a desktop computer chassis, including hard drives, power supplies, video cards, and PCI bezels. Understanding the correct application and handling of these screws ensures proper assembly and longevity of your computer components.

SAFETY INFORMATION

- Keep small parts away from children to prevent choking hazards.
- Use appropriate tools, such as a Phillips head screwdriver, to avoid damaging screws or computer components.
- Ensure proper grounding when working inside a computer to prevent electrostatic discharge (ESD) damage to sensitive electronics.

PRODUCT SPECIFICATIONS

The uxcell #6-32 Multi-Purpose Computer Screws are designed with the following characteristics:

- **Thread Diameter:** #6 (3.5mm)
- **Thread Count:** 32
- **Thread Length:** 5mm (0.2")
- **Total Length:** 7mm (0.28")
- **Drive Type:** Phillips
- **Material:** Metal (Zinc)
- **Coating:** Black Zinc Plated
- **Head Style:** Flat
- **Quantity:** 100 pieces per pack

A pile of uxcell #6-32 multi-purpose computer screws, showcasing their black finish and Phillips head design. These screws are commonly used for securing internal computer components.

A close-up view of two uxcell #6-32 computer screws, highlighting the Phillips head and thread details. This image provides a clear view of the screw's construction.

INSTALLATION INSTRUCTIONS

These #6-32 screws are standard for many internal computer components. Always ensure the screw size and thread type match the component's mounting holes before installation. Forcing an incorrect screw can damage threads or components.

1. **Identify the Mounting Location:** Locate the appropriate screw holes on your computer component (e.g., hard drive, SSD mounting bracket, PCI expansion card, power supply) and the corresponding chassis mounting points.
2. **Align the Component:** Carefully align the component with its designated slot or bay within the computer chassis.
3. **Insert the Screw:** Place a #6-32 screw into the mounting hole.
4. **Tighten the Screw:** Using a Phillips head screwdriver, gently turn the screw clockwise until it is snug. Avoid overtightening, as this can strip the threads or damage the component.
5. **Verify Security:** Ensure the component is firmly secured and does not wobble.

Common Applications:

- Hard Drives (HDD) and Solid State Drives (SSD) mounting.

- Power Supply Unit (PSU) mounting to the chassis.

- PCI/PCIe expansion card retention brackets.

- Securing side panels or other chassis components that use #6-32 threads.

MAINTENANCE

These screws require minimal maintenance. To ensure their longevity and usability:

- Store unused screws in a dry, cool place to prevent corrosion.

- Keep them organized to easily identify the correct size for future use.

TROUBLESHOOTING

- **Screw Does Not Fit:** If a screw does not easily thread into a hole, do not force it. Verify that the component specifically requires #6-32 screws. Forcing an incorrect screw can permanently damage threads on both the screw and the component.

- **Stripped Screw Head:** If the Phillips head becomes stripped, use a screw extractor tool or pliers to remove it carefully. Prevent stripping by using the correct size Phillips head screwdriver and applying firm, even pressure while turning.

- **Loose Component:** If a component remains loose after tightening, ensure all designated mounting points are utilized and screws are properly seated. Check for any obstructions preventing a flush fit between the component and the chassis.

SUPPORT INFORMATION

For further assistance or inquiries regarding uxcell products, please refer to the official uxcell website or contact their customer support channels.
Manufacturer: uxcell
Model Number: a16090600ux0546