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AW AW-PCM000015

AW NexusX Core Medical Mobile Computer Cart

User Instruction Manual - Model AW-PCM000015

1. Introduction

Thank you for choosing the AW NexusX Core Medical Mobile Computer Cart. This versatile rolling workstation is designed to provide a flexible and efficient computing solution for various environments, including medical facilities, offices, warehouses, and schools. This manual provides essential information for the safe assembly, operation, and maintenance of your new computer cart.

Please read this manual thoroughly before assembly and use to ensure proper function and to prevent injury or damage.

2. Safety Information

To ensure safe operation and prevent damage to the product or injury to users, please adhere to the following safety guidelines:

- **Weight Limits:** Do not exceed the maximum load capacity for each component. Ensure the weight on each shelf does not exceed **44 lbs (20 kg)**. The monitor weight must not exceed **22 lbs (10 kg)**. The total maximum cart capacity is **176 lbs (80 kg)**.
- **Monitor Tilt:** Be cautious when tilting the monitor. Do not tilt the monitor more than **45 degrees** in any direction to maintain stability.
- **Stability:** Always ensure all components are securely fastened before use. Distribute weight evenly on shelves to maintain balance.
- **Movement:** Engage the wheel locks when the cart is stationary to prevent unintended movement. Unlock wheels only when moving the cart.
- **Assembly:** Follow all assembly instructions carefully. If any parts are missing or damaged, do not proceed with assembly. Contact customer support.
- **Children:** Keep children away from the cart during assembly and operation. This product is not a toy.

3. Package Contents

Please verify that all components are present before beginning assembly:

- Main Cart Frame/Pole
- Monitor Holder (VESA Mount)
- Keyboard Deck

- Printer Deck
- Storage Basket
- CPU Holder
- Rolling Wheels (with locks)
- Assembly Hardware (screws, wrenches, etc.)
- Instruction Manual (this document)

4. Setup and Assembly

Assembly of the AW NexusX Core Medical Mobile Computer Cart requires careful attention to detail. It is recommended to have a clear, open space for assembly.

4.1 Assembly Video Guide

For a detailed visual guide on assembling your mobile computer cart, please refer to the official assembly video:

▶ **Watch video online**
Mobile Computer Cart Wheels with Single Monitor Mount

Video Description: An official video demonstrating the assembly process and key features of the AW Mobile Computer Cart with a single monitor mount. This comprehensive guide covers step-by-step installation of all components.

4.2 General Assembly Steps (Refer to video for details)

1. **Attach Base and Wheels:** Secure the base legs to the main pole. Install the rolling wheels into the base, ensuring two of them are lockable.
2. **Install CPU Holder:** Attach the CPU holder to the lower section of the main pole at your desired height.
3. **Install Printer Deck:** Secure the printer deck above the CPU holder.
4. **Install Keyboard Deck:** Attach the keyboard deck to the main pole at a comfortable working height.
5. **Install Monitor Holder:** Secure the VESA monitor mount to the top section of the main pole.
6. **Attach Storage Basket:** Mount the storage basket to the side of the main pole at a convenient location.
7. **Mount Monitor:** Carefully attach your monitor to the VESA mount using the provided screws. Ensure it is securely fastened.
8. **Cable Management:** Utilize the integrated cable management system to route and secure all cables neatly.

5. Operating Instructions

5.1 Height Adjustment

The cart's height can be easily adjusted to suit sitting or standing preferences.

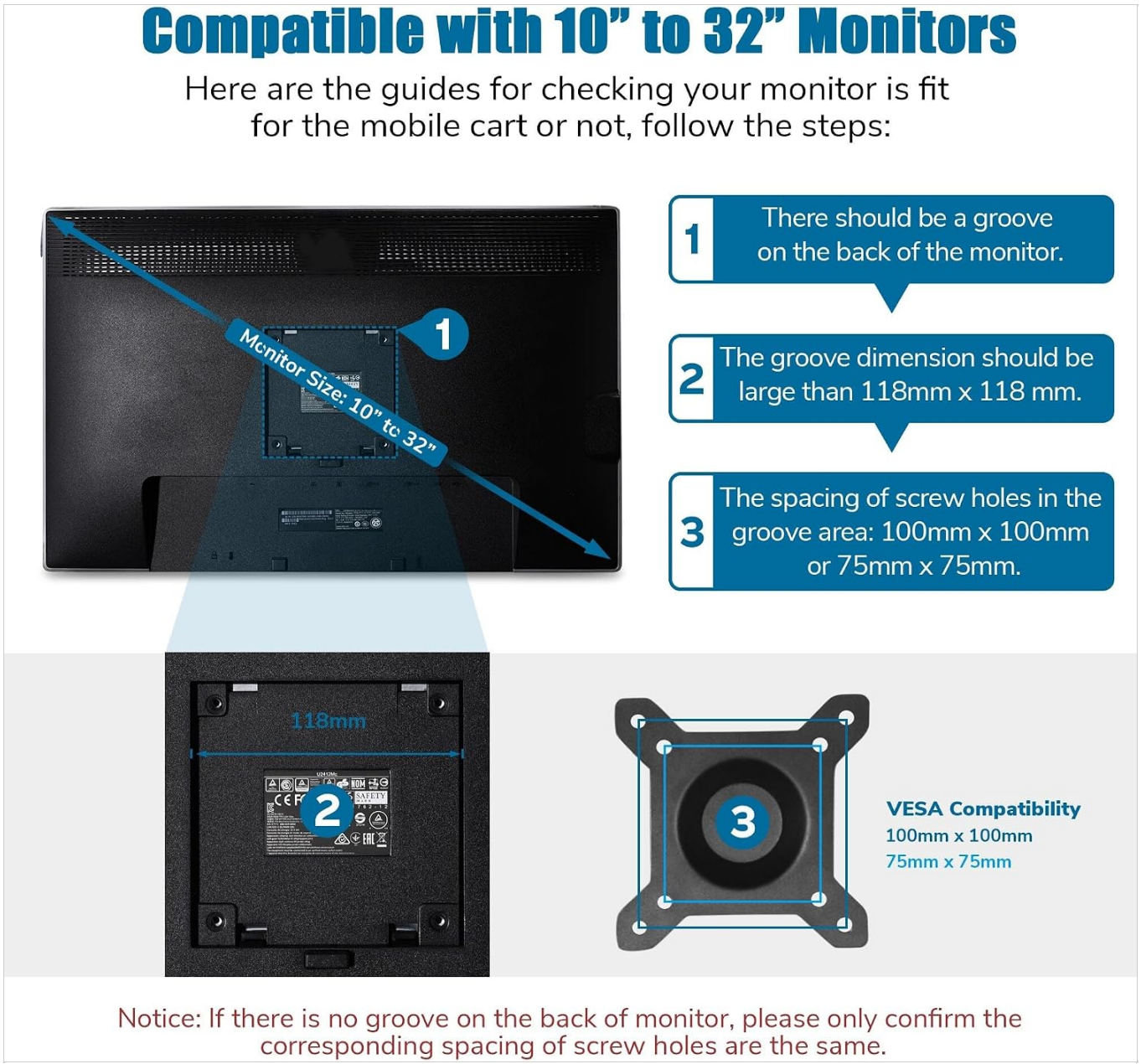

Image Description: A visual guide demonstrating the height adjustment feature of the cart, allowing users to easily change the workstation height from 46 1/4" to 68 1/2" (117.5 to 174 cm) using a knob.

1. Loosen the height adjustment knob located on the main pole.
2. Carefully raise or lower the desired components (monitor, keyboard deck, etc.) to your preferred height.
3. Tighten the height adjustment knob firmly to secure the components in place.

5.2 Monitor Adjustment

The monitor mount offers flexibility for optimal viewing angles.



Image Description: This image details the monitor mount's flexibility, showing +/- 360° rotation and +/- 45° tilt. It also highlights VESA compatibility (75x75mm, 100x100mm) and the per-monitor mount capacity of 22 lbs (10 kg).

- **Tilt:** Gently tilt the monitor up or down to achieve your desired vertical viewing angle (up to +/- 45 degrees).
- **Rotation:** Rotate the monitor left or right (up to +/- 360 degrees) for landscape or portrait orientation.

5.3 Mobility and Locking Wheels

The cart is equipped with smooth-rolling, lockable wheels for easy movement and secure positioning.



Image Description: A close-up view of the sturdy, lockable rolling wheels, designed for smooth movement across various floor surfaces and secure positioning when stationary.

- To move the cart, ensure all wheel locks are disengaged.
- To secure the cart in a stationary position, press down on the lever of the lockable wheels until they click into place.

5.4 Cable Management

Utilize the integrated cable management system to keep your workspace tidy and prevent cable damage.



Image Description: An illustration highlighting the integrated cable management system on the cart's main pole and the detachable storage basket for organizing accessories and documents.

- Route power cords and data cables through the designated clips or channels along the main pole.
- Ensure cables have enough slack to accommodate height adjustments and monitor movements without strain.

5.5 Customization Options

The cart offers various customization options for component placement.

▶ **Watch video online**

How to customize a portable computer stand

Video Description: A short official video showcasing various customization options and configurations for the portable computer stand, demonstrating how different accessories can be arranged.

Platforms and accessories can be repositioned along the main pole to suit individual workflow needs. Refer to the assembly video or included diagrams for guidance on reconfiguring components.

6. Maintenance

Regular maintenance will ensure the longevity and optimal performance of your computer cart.

- **Cleaning:** Wipe down surfaces with a soft, damp cloth. For stubborn dirt, use a mild, non-abrasive cleaner. Avoid harsh chemicals that may damage the finish.
- **Hardware Check:** Periodically check all screws and fasteners to ensure they are tight. Retighten if necessary.
- **Wheel Inspection:** Keep wheels free of debris (hair, dust, etc.) that may hinder smooth movement. Clean as needed.
- **Weight Limits:** Always adhere to the specified weight limits for all components to prevent structural damage.

7. Troubleshooting

If you encounter any issues with your computer cart, refer to the following common solutions:

Problem	Possible Cause	Solution
Cart is unstable or wobbly	Loose fasteners; uneven weight distribution; damaged base.	Check and tighten all screws. Redistribute items evenly. Inspect base for damage.
Wheels do not roll smoothly	Debris in wheels; wheel locks engaged.	Clean wheels of any obstructions. Ensure wheel locks are disengaged.
Height adjustment mechanism slips	Adjustment knob not tightened sufficiently; excessive weight.	Ensure knob is fully tightened. Reduce weight on platforms if exceeding limits.
Monitor is not secure on mount	VESA screws loose; incorrect VESA plate installation.	Ensure monitor screws are tight. Verify VESA plate is correctly installed and secured to the mount.

8. Specifications

Detailed specifications for the AW NexusX Core Medical Mobile Computer Cart:

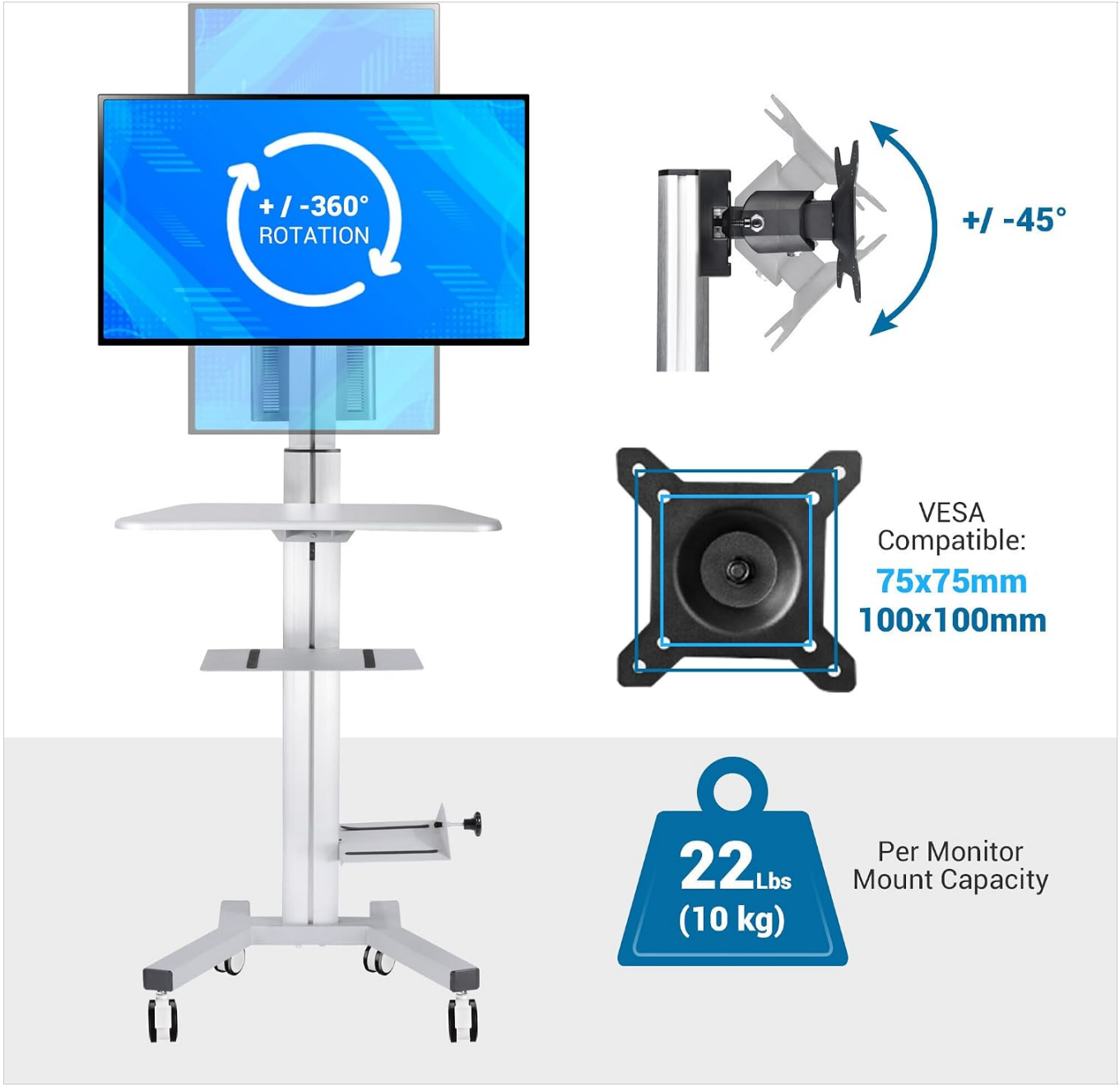

Image Description: An illustration showing the overall dimensions of the mobile computer cart, including height (46 1/4" to 68 1/2"), width (25 9/16"), depth (21 5/8"), and individual component dimensions for the storage basket, keyboard tray, printer shelf, and CPU holder.

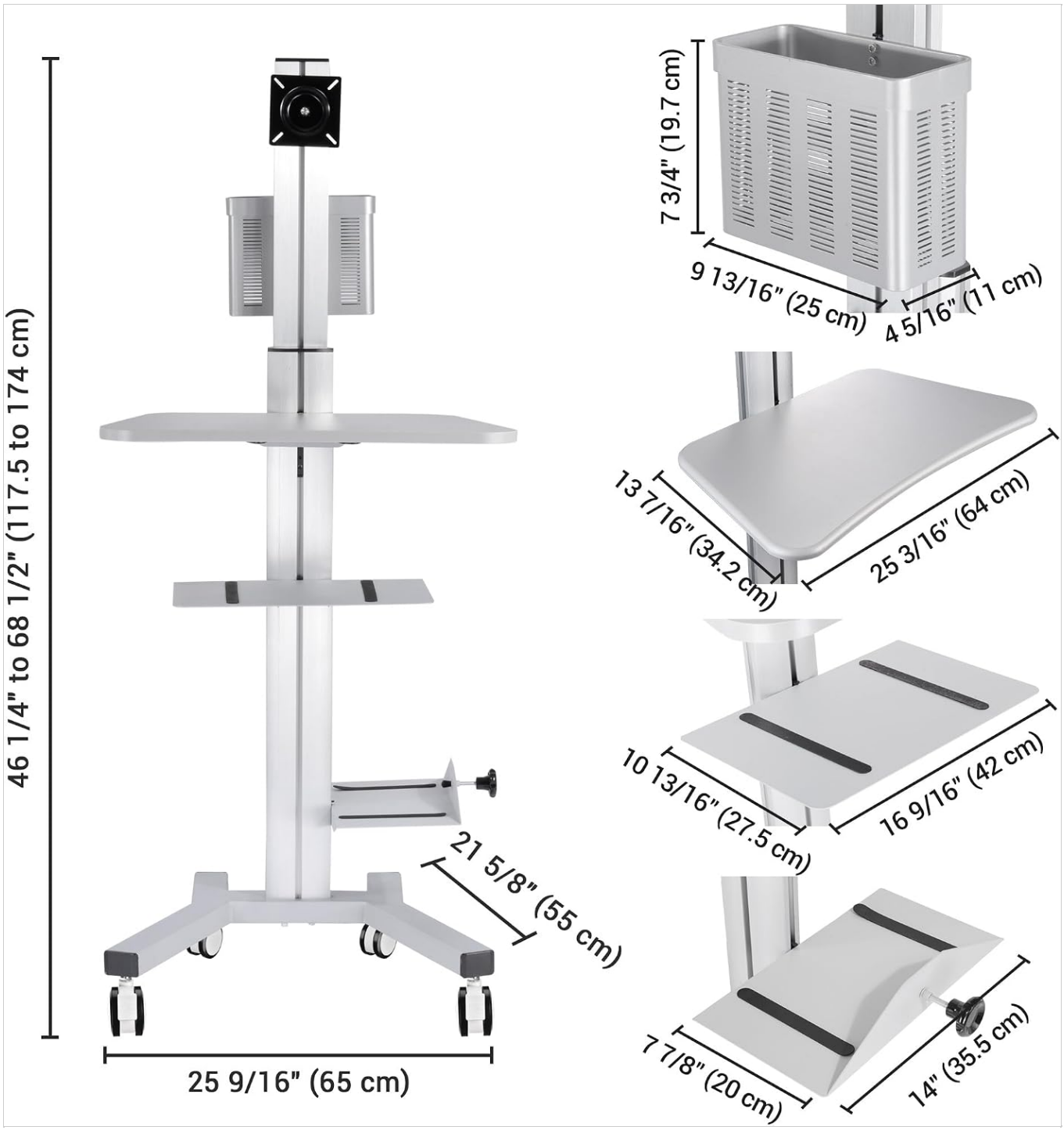

Image Description: This image illustrates the robust design of the cart, showing a maximum capacity of 176 lbs (80 kg). It details individual capacities: Storage Box (44 lbs), Keyboard Tray (44 lbs), Printer Shelf (44 lbs), and CPU Holder (44 lbs), emphasizing the thick, sturdy, wear-resistant, and corrosion-resistant aluminum frame.

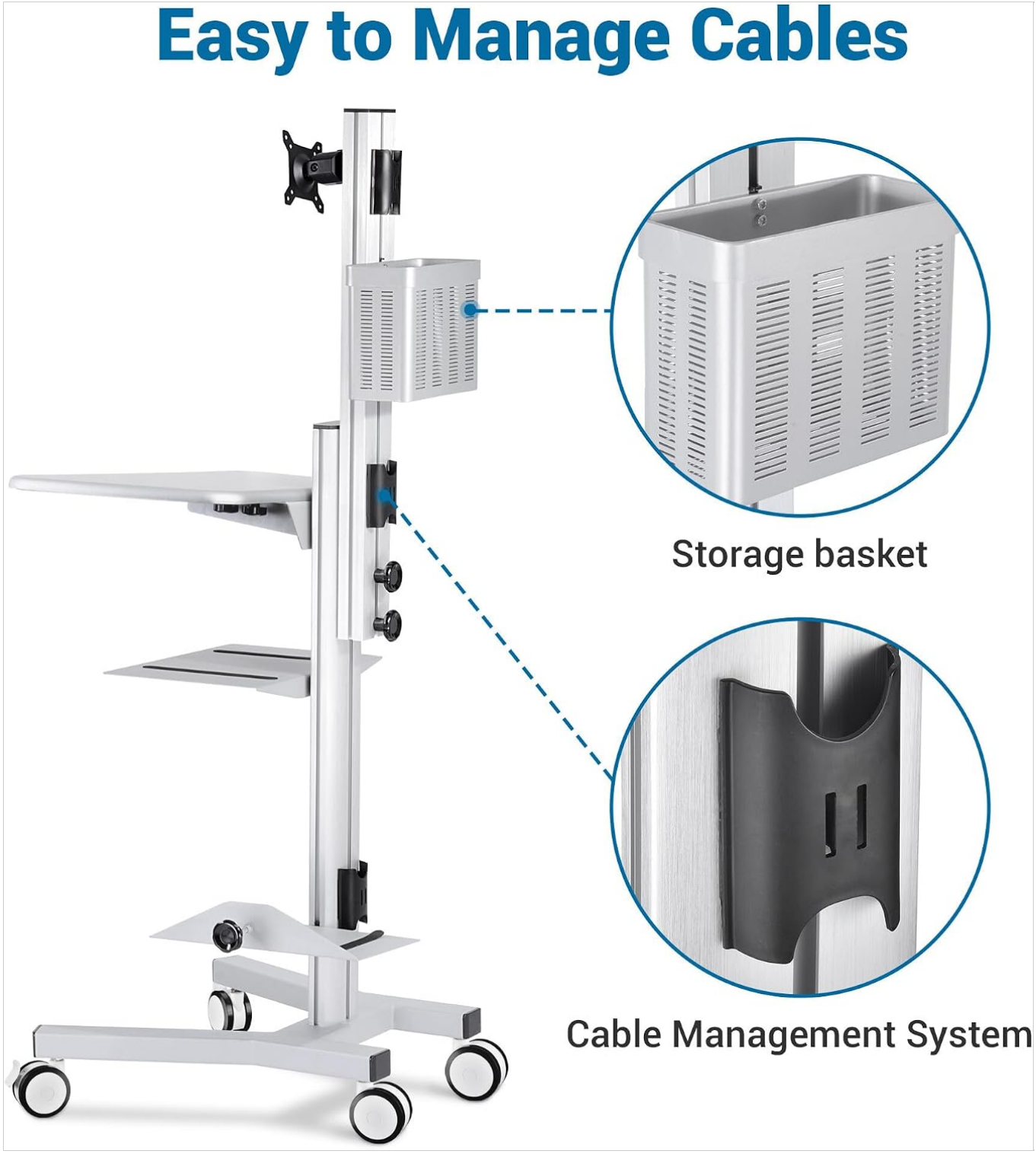

Image Description: This image provides a three-step guide to check monitor compatibility: 1) presence of a groove on the back, 2) groove dimension larger than 118mm x 118mm, and 3) VESA screw hole spacing of 100x100mm or 75x75mm. Compatible with 10" to 32" monitors.

Feature	Detail
Brand	AW
Model Number	AW-PCM000015
Product Dimensions (D x W x H)	21.6" x 25.6" x 8.5" (Base)
Overall Height Adjustment Range	46 1/4" to 68 1/2" (117.5 cm to 174 cm)
Item Weight	51 lbs (23.1 kg)

Feature	Detail
Color	Silver
Base Material	Aluminum
Top Material Type	Aluminum
Finish Type	Powder Coated
Special Feature	Adjustable Height, Rolling Wheels, Cable Management
Monitor Compatibility	10" to 32" Monitors
VESA Compatibility	75x75mm, 100x100mm
Monitor Mount Capacity	22 lbs (10 kg) per monitor
Shelf Load Capacity (each)	44 lbs (20 kg)
Maximum Cart Capacity	176 lbs (80 kg)
Monitor Tilt Angle	+/- 45 degrees
Monitor Rotation	+/- 360 degrees
Number of Shelves	3 (Keyboard, Printer, CPU) + 1 Storage Basket
Included Components	Monitor Holder, Keyboard Deck, Printer Deck, Storage Basket, CPU Holder, VESA Adapter, Manual

9. Warranty and Support

Warranty: This product does not come with a manufacturer's warranty as per available information.

Customer Support: For any questions, concerns, or assistance with your AW NexusX Core Medical Mobile Computer Cart, please contact the retailer or manufacturer directly. Please have your model number (AW-PCM000015) and purchase information ready when contacting support.

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