LG 24CQ650N-6N

LG 24CQ650N-6N All-in-One Thin Client User Manual

Model: 24CQ650N-6N

1. Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your LG 24CQ650N-6N All-in-One Thin Client. Please read this manual thoroughly before using the product to ensure safe and efficient operation. This device integrates a 23.8-inch Full HD display with an Intel Celeron N5105 Quad-core processor, designed for various computing environments.

2. Package Contents

Verify that all components are present in the package. If any items are missing or damaged, contact your vendor.

- LG 24CQ650N-6N All-in-One Thin Client Unit
- Detachable Stand Base and Neck
- Power Adapter and Power Cord
- Documentation (Quick Setup Guide, Warranty Card)

3. Setup

3.1 Unpacking and Placement

Carefully remove the thin client from its packaging. Place the unit on a stable, flat surface, ensuring adequate ventilation around the device. Avoid placing it near heat sources or in direct sunlight.

3.2 Assembling the Stand

Attach the stand neck to the display unit, then secure the stand base to the neck. Ensure all screws are tightened

appropriately. The ergonomic stand allows for pivot, swivel, tilt, and height adjustments for optimal viewing comfort.



Image: The LG 24CQ650N-6N Thin Client demonstrating its ergonomic stand capabilities, including height, tilt, pivot, and swivel adjustments.

3.3 Connecting Power

Connect the power adapter to the thin client's power input port, then plug the power cord into a wall outlet. Use only the power adapter provided with the unit.

3.4 Connecting Peripherals

Connect your keyboard, mouse, and other necessary peripherals to the available USB ports. For network connectivity, use the Ethernet port or a compatible Wi-Fi adapter (if supported and purchased separately).



Image: Rear view of the LG 24CQ650N-6N Thin Client, highlighting the various input/output ports for connecting power, network, and peripherals.

3.5 Initial Power-On and OS Installation

Press the power button located on the device. Since this model is 'Non OS', you will need to install an operating system (e.g., Windows, Linux) or connect to a remote desktop environment. Follow the on-screen prompts or your organization's IT guidelines for OS installation or client configuration.

4. Operating Instructions

4.1 Power On/Off

To power on, press the power button. To power off, use the operating system's shutdown function. For a forced shutdown, press and hold the power button for several seconds.

4.2 Using the Pop-up Webcam

The thin client features a Full HD pop-up webcam. To use it, gently press the top center of the display unit where the

webcam is located. The camera will extend upwards. To retract it, gently push it back down until it clicks into place. This design helps ensure privacy when the camera is not in use.



Image: Front view of the LG 24CQ650N-6N Thin Client with its integrated pop-up webcam extended from the top bezel.

4.3 Ergonomic Stand Adjustments

The stand allows for various adjustments:

- **Height Adjustment:** Gently push or pull the display up or down.
- **Tilt:** Tilt the screen forward or backward to find your preferred viewing angle.
- **Swivel:** Rotate the display horizontally on its base.
- **Pivot:** Rotate the display 90 degrees to switch between landscape and portrait orientation.



Image: Side view of the LG 24CQ650N-6N Thin Client illustrating the range of height adjustment for the display.

4.4 Multi-Display Setup

The thin client supports multi-display configurations. Connect additional monitors via the available video output ports (e.g., HDMI). Refer to your operating system's display settings to configure extended or duplicated displays.



Image: Two LG 24CQ650N-6N Thin Clients configured side-by-side, demonstrating a multi-display setup for increased productivity.



Image: Three LG 24CQ650N-6N Thin Clients arranged in a multi-display configuration, showcasing advanced workstation capabilities.

4.5 Built-in Speakers

The unit includes built-in speakers for audio output. Audio settings can be adjusted through your operating system.

4.6 Fanless Design

The fanless design ensures quiet operation, making it suitable for environments where noise reduction is important.

5. Maintenance

5.1 Cleaning the Device

To clean the screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, use a screen-cleaning solution specifically designed for LCD/LED displays, applied to the cloth, not directly to the screen. For the exterior, use a soft, dry cloth. Avoid abrasive cleaners, solvents, or aerosol sprays.

5.2 Environmental Considerations

Operate the thin client within the recommended temperature and humidity ranges specified in the product specifications. Ensure proper airflow around the unit to prevent overheating.

5.3 Software Updates

Regularly update your operating system and any installed software to ensure optimal performance and security. Consult your IT administrator or OS documentation for specific update procedures.

6. Troubleshooting

If you encounter issues with your LG 24CQ650N-6N Thin Client, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cord not connected, power outlet issue	Check power cord connections. Test the outlet with another device.
No display	Device not powered on, display settings issue	Ensure the device is powered on. Check OS display settings if an external monitor is connected.
Webcam not working	Webcam not extended, driver issue, privacy settings	Ensure the pop-up webcam is fully extended. Check OS privacy settings and webcam drivers.
No audio from speakers	Volume muted, audio driver issue	Check volume levels in the OS. Verify audio output device settings and drivers.

For further assistance, consult your IT department or LG customer support.

7. Specifications

The following table outlines the key technical specifications for the LG 24CQ650N-6N All-in-One Thin Client:

Feature	Specification
Model Number	24CQ650N-6N
Screen Size	23.8 Inches
Resolution	FHD 1080p (1920 x 1080)
Processor	Intel Celeron N5105 (Quad-core)
Display Type	LCD
Refresh Rate	60 Hz
Response Time	5 Milliseconds
Aspect Ratio	16:9
Contrast Ratio	1000:1
Viewing Angle	178 Degrees
Webcam	Full HD (Pop-up Type)

Feature	Specification
Connectivity	HDMI (1 Total), USB 3.0 (1 Total), Component Outputs (1 Total)
Additional Features	Built-In Speakers, Fanless Design, Ergonomic Stand (Pivot, Swivel, Tilt, Height Adjust)
Color	Black
Mounting Type	Wall Mount (VESA compatible)
Item Dimensions (D x W x H)	7"D x 19"W x 25"H (approximate, with stand)
Power Consumption	1.2 Watts (typical)

8. Warranty and Support

8.1 Warranty Information

This product comes with a 1-Year Manufacturer's Warranty. For detailed terms and conditions, please refer to the warranty card included in your package or visit the official LG website. Extended protection plans may be available for purchase separately.

8.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact LG Customer Service. You can find contact information and additional resources on the official LG website: www.lg.com/us/support

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