

LG Cloud Device All-in-One Thin Client

24-inch All-in-One Thin Client for Healthcare

24CR670W / 24CR671W
24CR670N / 24CR671N
24CR670I / 24CR671I

* 24CR670W, 24CR671W: Windows 10 IoT Enterprise
24CR670N, 24CR671N: Non OS
24CR670I, 24CR671I: IGEL OS



24CR670

Designed for Medical Environments

Compliant with Medical Standards

The 24CR670/24CR671's white color promotes proper cleaning by ensuring that substances such as dust or blood can be easily seen. Additionally, the device complies with medical standards (IEC60601, CE MDR), which assure the electrical and mechanical safety of medical devices used in the healthcare field.

Public but Personalized

Dual-band RFID

With the 24CR670/24CR671's RFID module, multiple people can use the device as a personalized thin client. This is useful for shift work, allowing various members of staff to log in to a personal virtual desktop from the same thin client. Additionally, the RFID module improves security and prevents the leakage of sensitive data by facilitating end-user adjustment options such as controlling who is authorized to log in to the thin client.

Enhanced Usability

IPS Display | Multi Display Set-up |
Ergonomic Stand | Full HD Webcam

The 24CR670/24CR671 IPS display creates an optimal work environment for hospital staff, producing clear and sharp images that significantly improve readability and reduce eye fatigue. Furthermore, it supports up to two additional displays with up to 4K resolution*, making it easier to integrate thin clients into a multi-display setup. Various stand adjustment options, such as tilt, height, swivel, and pivot, ensure that users can customize their viewing preferences to a more comfortable, easy-to-see position that best suits their working environment. Its built-in Full HD webcam provides vivid and clear imaging that is ideal for remote medical treatment or video conferencing.

*Accessories required to connect two displays must be purchased separately.

- **Compliant with Medical Standards**
(IEC60601, CE MDR)
- **Dual-band RFID**
(Compatible with Imprivata)
- **23.8-inch Full HD (1920 x 1080) IPS Display**
- **Multi Display Set-up**
(Max. 2 Additional Displays with up to 4K Resolution)
- **Fanless Design**
- **Ergonomic Stand**
(Tilt, Height, Swivel, Pivot)
- **Full HD Webcam (Push-pull Type)**
(Integrated microphone)



Specification

Model Name		23.8-inch All-in-One Thin Client for Healthcare		
		24CR670W / 24CR671W	24CR670N / 24CR671N	24CR670I / 24CR671I
Display	Inch	23.8-inch		
	Aspect Ratio	16:9		
	Panel Type	IPS		
	Resolution	Full HD (1920 x 1080)		
	Brightness (Typ./Min.)	250cd/m ² , 200cd/m ²		
	Contrast Ratio (Typ.)	1,000:1		
	Response Time (GtG ¹⁾)	5ms (Faster)		
	Viewing Angle (CR≥10)	178° (Right/Left), 178° (Up/Down)		
System	Processor	24CR670W,N,I: Intel® Celeron N5105(Quad Core 2.0GHz, up to 2.9GHz burst) 24CR671W,N,I: Intel® Pentium N6005(Quad Core 2.0GHz, up to 3.3GHz burst)		
	OS	Windows 10 IoT Enterprise	Non OS	IGEL OS
	Memory	8GB DDR4	4GB / 8GB DDR4	4GB / 8GB DDR4
	Graphics	Integrated		
	Storage	256GB SSD (M.2)	16GB eMMC	16GB eMMC
	RFID	Dual-band RFID (Compatible with Imprivata)		
Connectivity	DisplayPort	1 x DisplayPort (Output)		
	HDMI	1 x HDMI (Input)		
	USB	2 x USB 2.0 Type-A, 4 x USB 3.2 Gen1 Type-A, 1 x USB Type-C™ (with DP out)		
	Mic-in	Mic-in & Headphone Out Combo		
	Headphone Out			
Network	Wireless	Dual Band Wi-Fi 6 2x2		
	Bluetooth	BT 5.1 Combo		
	Ethernet	Yes (Gigabit)		
Speaker	Built-in Stereo	Yes (3W x 2)		
Dimension & Weight	W x H x D (with Stand)	21.8 x 20.2 x 9.4 (in) / 553.8 x 512.9 x 240 (mm)		
	W x H x D (without Stand)	21.8 x 13.9 x 2.5 (in) / 553.8 x 353.3 x 63 (mm)		
	Weight (with Stand)	6.35kg		
	Weight (without Stand)	4.2kg		
	VESA	100 x 100 (mm)		
Stand	Adjustable Stand	Tilt: -5°~35° Height Range: 130mm Swivel: 0°~355° Pivot: ±90° (Bi-directional)		
Webcam	Webcam	Full HD Webcam (Push-pull Type) with Microphone		
Security	TPM (Trust Platform Module)	Hardware TPM 2.0		

1) GtG : Gray to gray response time

* This specification is based on the base model, and the specifications may be different for each model.



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