LG Zero Client TERA2 (V series)

- **19CNV42K-B**
  19" class (19.0"/482.6mm diagonal)
- **23CAV42K-BL**
  23" class (23.0"/584.2mm diagonal)
- **24CAV37K-B**
  24" class (23.8"/604.5mm diagonal)
- **CBV42-B**

HIGH PERFORMANCE VIRTUAL COMPUTING

LG's 19CNV42K-B, 23CAV42K-BL, 24CAV37K-B and CBV42-B utilize a Teradici® TERA 2 Chipsetwith Amazon WorkSpaces provide a high performance, ultra-secure, and easy to manage cloud desktop that delivers an outstanding user experience. Compared to a traditional desktop computing system, the V series allows advanced computing with greater security while reducing system-building and maintenance costs. LED backlight technology also provides a bright and clear display to facilitate a comfortable computing experience for daily office work and multimedia applications.

The LG Cloud Monitor (Zero Client) combined with a Teradici PCoIP Processor and Amazon WorkSpaces result in an innovative 'PCoIP Virtual Computing' solution.

Features

ULTRA SECURE
- PCoIP zero clients significantly reduces the risk of virus, spyware, and hacking because all data, storage, and memory are stored at the central data center. Data never leaves the data center it only transmits pixels, making our zero clients suitable for security critical organizations such as financial firms
- Unique USB authorization provides enhanced security

ZERO CLIENT FLEXIBILITY
- PCoIP Zero Clients combined with Amazon WorkSpaces are the highest performance, most secure, and easiest to manage desktops, providing an outstanding user experience.
- Virtual computing via LAN/WAN - utilizes existing enterprise servers, workstations, and blade PCs
- Allow any user to quickly utilize the latest OS and software installed on the host

ECO-FRIENDLY COMPUTING
- Reduce computing system building, maintenance, and energy costs
- Low operational cost, high security, and desktop scalability - the ideal solution for IT organizations in healthcare, education, government, and other enterprise market sectors

LED BACKLIGHT
- LED backlight technology takes Full HD (23CAV42K-BL and 24CAV37K-B) to new heights with exceptional contrast ratios and brightness levels yet is very energy efficient

KEY FEATURES
- Tera2321 Processor
- Built-in speakers (1W x 2) provides true all in one solution
- Wide Viewing capabilities of IPS (23CAV42K-BL and 24CAV37K-B) technology with the superior picture quality of LED backlighting
- Six USB 2.0 inputs to offer various usage scene
- Upgraded usability with UPoE ready
- TAA Compliant

Zero Client TERA2

(V series)

Cost effective, ultra-secure desktop virtualization

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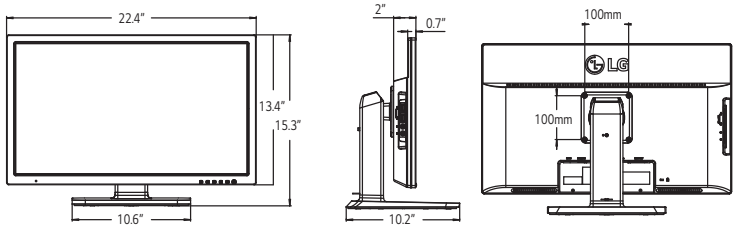
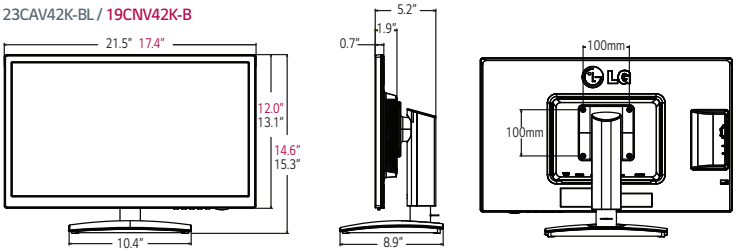
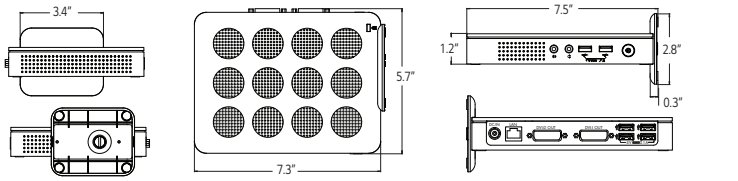
24CAV37K-B



23CAV42K-BL / 19CNV42K-B

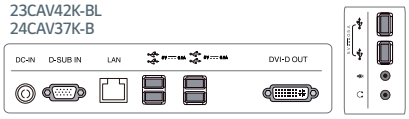


CBV42-B

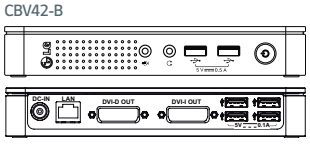


Jack Panels

19CNV42K-B
23CAV42K-BL
24CAV37K-B



CBV42-B



	Model	19CNV42K-B	23CAV42K-BL	24CAV37K-B	CBV42-B
PANEL	TAA Compliant	Yes			
	Panel Size (diagonal)	19" (19.0")	23" (23.0")	24" (23.8")	N/A
	Panel Type	TN	AH-IPS		
	Processor	Teradici Tera2321 PCoIP Chip			
	RAM	512MB			
	Protocol	PCoIP			
	Networking	10 / 100 / 1000			
	Color Depth	16.7M			N/A
	Pixel Pitch(mm)	0.2835(H)×0.2835(V)	0.2652(H)×0.2652(V)	0.275(H)×0.275(V)	
	Aspect Ratio	16:10	16:9		
	Resolution	1440 x 900	1920 x 1080		1920×1200(DVI)
	Brightness (Type)	250 cd/m²			N/A
	Contrast Ratio	1,000:1(Typ) 5,000,000:1(DFC)			
	Response Time on/off)	5ms	14ms (GTG)		
	Viewing Angle (CR>10)	170°/160°	178°/178°		
	Surface Treatment	Non-Glare		Hard coating, Anti-Glare	

	Model	19CNV42K-B	23CAV42K-BL	24CAV37K-B	CBV42-B
INPUT (SIGNAL)	D-Sub	Yes			No
OUTPUT (SIGNAL)	DVI	Yes (Extend, Cloning)			
	Others	10/100/1000	10/100/1000	10/100/1000	10/100/1000
INTERACTIVE	USB 2.0	6 (4 Back, 2 Side)			
INPUT AUDIO	Mic In	Yes			
OUTPUT AUDIO	Headphone Out	Yes			
POWER	Type	Adapter (19V DC)			
	Input	100_240V			
	Normal On (Type)	17W (D-Sub) 22W (Cloud)	24W (D-Sub) 29W (Cloud)	24W(Monitor) 29W(Cloud)	6W
	Power Save/Sleep Mode (Max)	0.5W (D-sub)/7W (Cloud)		0.5W(Monitor) 5.5W (Cloud)	N/A
	DC Off (Max)	0.5W (D-sub)/0.5W (Cloud)		0.5W(Monitor) 0.5W(Cloud)	0.5W
FREQUENCY	H-Frequency (Analog)	30_66kHz	30_68kHz	30~69kHz	N/A
	V-Frequency (Digital)	57_63Hz			N/A
SPEAKER	Built-in Speaker	Yes (1W x 2)		Yes (5W x 2)	N/A
SPECIAL FEATURES	IPS	N/A	Yes		N/A
	2.0 USB Input (6)	Yes			
	UPoE available with AUPoE* Adapter	Yes			
CABINET	Color	Black Hairline		Black Texture	
	Set (with Stand) (WxHxD)	17.4" x 14.6" x 8.9"	21.5" x 15.3" x 8.9"	22.4" x 13.4" x 2"	7.5" x 5.7" x 2.8"
	Weight	10.0 lbs.	12.3 lbs.	12.1 lbs.	1.5 lbs.
	Set (without Stand) (WxHxD)	17.4" x 12.0" x 1.9"	21.5" x 13.1" x 1.9"	22.4" x 15.3" x10.2"	7.3" x 5.7" x 1.2"
	Weight	5.1 lbs.	7.4 lbs.	10.6 lbs.	1.5 lbs.
	Box (WxHxD)	20.0" x 14.7" x 8.2"	24.3" x 15.9" x 7.8"	25.3" x 7.6" x 16.1"	10.5" x 7.8" x 6.1"
	Weight	13.2 lbs.	16.3 lbs.	15.4 lbs	2.9 lbs.
	VESA Standard Mount Interface	100mm x 100mm			Yes
	Stand	Base detachable, Tilt, Yes / -5° (front), 15° (rear), Swivel (90°), Height (130mm), Pivot		Base detachable, Tilt, Yes / -5° (front), 35° (rear), Swivel (90°), Height (130mm), Pivot	Base detachable
STANDARD CERTIFICATION	UL(cUL)	Yes			
	TUV-Type	Yes			No
	FCC-B, CE	Yes			
	RoHS	Yes			
WARRANTY		3-Year Limited Warranty (Parts/Labor/Backlight)			
UPC		7 19192 19161 7	7 19192 19162 4	7 19192 19754 1	7 19192 19183 9
ACCESSORIES		Power Cord, RGB Cable			

*AUPoE sold separately

IPS Lifelike Color Expression · Lifelike Color · Wide Viewing Angle 178° · Smooth Color Change · UPoE Ready · PCoIP · USB 2.0 (6 ea) · Built-in Speaker · amazon WorkSpaces

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Life's Good
LGsolutions.com

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SPEC_CNV42K_CAV42K_CBV42B_051505_f

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