Zero Client TERA2 (V series)

▶ 20CAV37K-B
20" class (19.5"/494.03mm diagonal)

▶ 23CAV42K-BL
23" class (23.0"/584.2mm diagonal)

▶ 24CAV37K-B
24" class (23.8"/604.7mm diagonal)

▶ CBV42-B

24CAV37K-B
(V Series Monitor Type)

23CAV42K-BL
(V Series Monitor Type)

20CAV37K-B
(V Series Monitor Type)

CBV42-B
(V Series Box Type)

HIGH PERFORMANCE VIRTUAL COMPUTING

LG's 20CAV37K-B, 23CAV42K-BL, 24CAV37K-B and CBV42-B system utilizes a Teradici® PCoIP® processor, VMware or Amazon WorkSpaces to deliver a powerful and secure virtual solution that broadens integrated computing beyond design labs, to offices and classrooms. 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 or VMware provides ultimate cloud desktop experience.

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
• LG Zero Clients combined with Amazon WorkSpaces allows users to access the documents, applications and resource quickly and securely.
• Fully compatible with VMware View™ Virtual Desktop Environments
• Virtual computing via LAN/WAN - utilizes existing enterprise servers, workstations, and blade PCs
• Allow users to quickly utilize the latest OS and software installed on the host

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 provides true all in one solution
• Wide Viewing capabilities of IPS (20CAV37K-B, 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

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Zero Client TERA2
(V series)
Cost effective, ultra-secure desktop virtualization

▶ **20CAV37K-B**
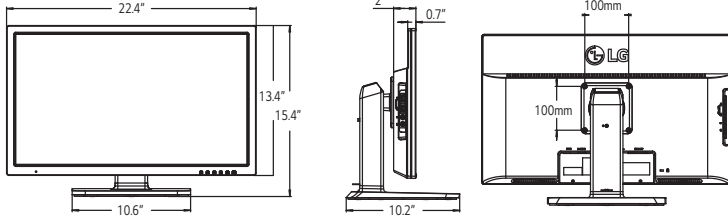20" class (19.5"/494.03mm diagonal)
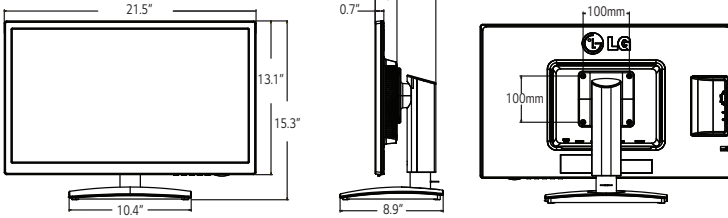
▶ **23CAV42K-BL**
23" class (23.0"/584.2mm diagonal)

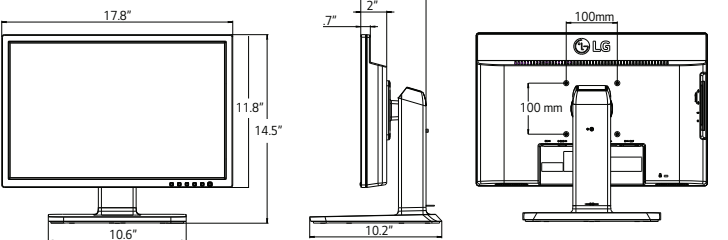▶ **24CAV37K-B**
24" class (23.8"/604.7mm diagonal)

▶ **CBV42-B**

24CAV37K-B

23CAV42K-BL

20CAV37K-B

CBV42-B
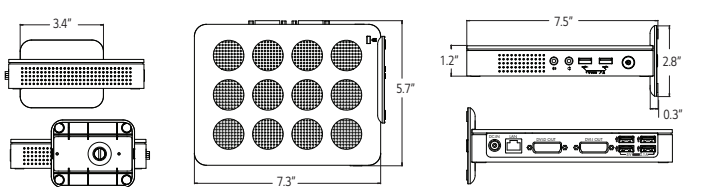
Jack Panels
20CAV37K-B / 23CAV42K-BL / 24CAV37K-B
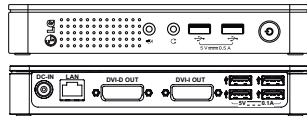
CBV42-B

PANEL					
PANEL	Model	20CAV37K-B	23CAV42K-BL	24CAV37K-B	CBV42-B
	TAA Compliant	Yes			
	Panel Size (diagonal)	20" (19.5")	23" (23.0")	24" (23.8")	N/A
	Panel Type	AH-IPS			
	Processor	Teradici Tera2321 PCoIP Chip			
	RAM	512MB			
	Protocol	PCoIP			
	Networking	10 / 100 / 1000			
	Color Depth	16.7M			
	Pixel Pitch(mm)	0.2907(H)x0.2915(V)	0.2652(H)x0.2652(V)	0.275(H) x 0.275(V)	N/A
	Aspect Ratio	16:10	16:9		
	Resolution	1440 x 900	1920 x 1080		1920x1200(DVI)

PANEL					
PANEL	Model	20CAV37K-B	23CAV42K-BL	24CAV37K-B	CBV42-B
	Brightness (Type)	250 cd/m²			N/A
	Contrast Ratio	1,000:1(Typ) 5,000,000:1(DFC)			
	Response Time on/off)	14ms (GTG)			
	Viewing Angle (CR>10)	178°/178°			
	Surface Treatment	Non-Glare		Hard coating, Anti-Glare	
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	Mic In	Yes			
OUTPUT	Headphone Out	Yes			
POWER	Type	Adapter (19V DC)			
	Input	100_240V			
	Normal On (Type)	18W (Monitor) 23W (Cloud)	24W (Monitor) 29W (Cloud)	24W(Monitor) 29W(Cloud)	6W
	Power Save/Sleep Mode (Max)	0.5W (Monitor) 5.5W (Cloud)	0.5W (Monitor) 7W (Cloud)	0.5W(Monitor) 5.5W (Cloud)	N/A
	DC Off (Max)	0.5W (D-sub) 0.5W (Cloud)			0.5W
FREQUENCY	H-Frequency (Analog)	30~69kHz	30~68kHz	30~69kHz	N/A
	V-Frequency (Digital)	57~63Hz			
SPEAKER	Built-in Speaker	Yes (5W x 2)	Yes (1W x 2)	Yes (5W x 2)	N/A
SPECIAL FEATURES	IPS	Yes			
	Reader Mode	Yes	No	Yes	
	Flicker Safe	Yes	No	Yes	
	Wake On LAN	Yes	No	Yes	
	2.0 USB Input (6)	Yes			
	UPoE available with AUPoE* Adapter	Yes			
CABINET	Color	Black Texture	Black Hairline	Black Texture	
	Set (with Stand) (WxHxD)	17.8" x 14.5" x 10.2"	21.5" x 15.3" x 8.9"	22.4" x 15.4"x10.2"	7.5" x 5.7" x 2.8"
	Weight	9.3 lbs.	12.3 lbs.	12.1 lbs.	1.5 lbs.
	Set (without Stand) (WxHxD)	17.8" x 11.8" 2"	21.5" x 13.1" x 1.9"	22.4" x 13.4" x 2"	7.3" x 5.7" x 1.2"
	Weight	7.8 lbs.	7.4 lbs.	10.6 lbs.	1.5 lbs.
	Box (WxHxD)	20.6" x 14.6" x 7.8"	24.3" x 15.9" x 7.8"	25.3" x 16.1" x 7.6"	10.5" x 7.8" x 6.1"
	Weight	12.3 lbs.	16.3 lbs.	15.7 lbs	2.9 lbs.
	VESA Standard Mount Interface	100mm x 100mm			Yes
	Stand	Base detachable, Tilt, Yes / -5° (front), 35° (rear), Swivel (yes), Height (130mm), Pivot (90°)	Base detachable, Tilt, Yes / -5° (front), 15° (rear), Swivel (yes), 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 20071 5	7 19192 19162 4	7 19192 19754 1	7 19192 19183 9
ACCESSORIES		Power Cord, RGB Cable			

*AUPoE sold separately

IPS · UPoE Ready · teradici · amazon WorkSpaces · vmware READY · teradici PCoIP

Pivot & Height · Tilt · Swivel · Lifelike Color · Wide Viewing Angle · Smooth Color Change · USB 2.0 · Stereo Speaker

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