



# Samsung delivers an all-in-one cloud solution to the desktop



## 21.5" and 23.6" thin client cloud monitors deliver simplicity and flexibility

The world's leading manufacturer of LCD panels combines the outstanding visual experience of our business class displays with the latest desktop virtualization access technology. Presenting the Samsung TC-L Series all-in-one thin client cloud displays. Ideal for industries such as healthcare, education, government and finance, Samsung TC-L Series thin clients deliver desktops to end-users from a Citrix, Microsoft, VMware, Amazon or Web-based host within a business cloud. IT maintenance costs are decreased and sensitive data is better protected, while productivity increases. Simplicity and flexibility. Samsung TC-L Series cloud displays help businesses grow.

### Contact us

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## Key features



### Citrix, Microsoft, VMware, Amazon and Web

Multi-protocol connectivity is built-in, so users can access nearly any authorized cloud environment, and even manage multiple simultaneous sessions.



### IGEL Linux

This battle-proven OS offers security and efficiency with a powerful automation tool called IGEL UMS 5. For even more functionality, an optional IGEL UDC add-on pack is available.



### All-in-one, clutter-free design

One power button, one power cord and integrated speakers make for a clean workspace that is easy to operate and deploy.



### AMD G-Series Processor and eMMC Storage

The AMD G-Series 1.2GHz dual-core processor delivers ultra-high performance with a small energy footprint. The 4GB eMMC storage provides fast boot, quick file access, and plenty of headroom for future firmware updates.



### Expansive I/O

Attach a keyboard and mouse via USB 2.0 (x4), experience fast data transfer with USB 3.0 (x2), connect via 1G Ethernet (RJ 45).



### Smart ergonomics

Tilt, pivot, swivel, and height-adjustable stands deliver greater user comfort. And panels are VESA-mountable for conveniently attaching to a wall, desk or arm accessory.

# Samsung TC-L series 21.5" and 23.6" thin client cloud displays



	TC222L	TC242L	
Display	Screen Size / Panel Type	21.5" / TN, LED Backlit	23.6" / TN, LED Backlit
	Aspect Ratio	16:9	16:9
	Brightness (Typical)	250 nits	300 nits
	Contrast Ratio (Typical)	1000:1	1000:1
	Viewing Angle (H/V)	170° / 160° (CR≥10)	170° / 160° (CR≥10)
Frequency	Response Time (G to G)	5 ms	5 ms
	Horizontal / Vertical	31~80 kHz / 56~75 Hz	31~80 kHz / 56~75 Hz
	Maximum Resolution / Dual Screen (H x V)	1920 x 1080 / 1920 x 1200	1920 x 1080 / 1920 x 1200
	Bandwidth	148.5 MHz	148.5 MHz
	Colors Supported	16.7 million	16.7 million
Client	Processor	AMD GX-212 1.2GHz Dual	AMD GX-212 1.2GHz Dual
	Graphics	AMD Radeon™ R2E	AMD Radeon™ R2E
	Audio	Realtek ALC282	Realtek ALC282
	Networking	Realtek RTL8111HS	Realtek RTL8111HS
	Memory	DDR3 2GB	DDR3 2GB
	Flash	eMMC 4GB	eMMC 4GB
	Ethernet	Gigabit Ethernet (10/100/1000 Auto Sensing)	Gigabit Ethernet (10/100/1000 Auto Sensing)
	Wi-Fi	N/A	N/A
	Fan / Fanless	Fanless	Fanless
	Software	OS	Operating System: IGEL LINUX Client Sessions: Citrix XenDesktop / XenApp Client (HDX/ICA) Microsoft RDP / RemoteFX VMware Horizon Client (View, PCoIP, Blast Extreme) Multimedia Codecs: Audio: MP3   WMA   AAC Video: WMV (VC1)   H264   MPEG-4   MPEG-2 Other: Local Browser (Firefox) w/Media Player Print Services: LPD / IPP Software Maintenance One Year IGEL UMS 5 (Universal Desktop Management Suite 5)
Automation/Management Support		IGEL UMS 5 (Universal Desktop Management Suite 5)	
Signal	Certifications	VMware Ready, HDX Ready, Microsoft RemoteFX	
	Sync. Type	(1) Separate H / V	(1) Separate H / V
Power	Input / Output	RGB-In (15 Pin D-SUB In), LAN (RJ45, Gigabit), USB (3.0 x 2EA / 2.0 x 4EA), Headphone Out, Mic In, DVI-I Out	RGB-In (15 Pin D-SUB In), LAN (RJ45, Gigabit), USB (3.0 x 2EA / 2.0 x 4EA), Headphone Out, Mic In, DVI-I Out
	Power Supply / Input	External / 100-240 VAC (50 / 60 Hz)	External / 100-240 VAC (50 / 60 Hz)
Cabinet Color	Power On Maximum / Typical	45W / 26W	50W / 30W
	Standby / Power-Adapter Off	2.7W / 2.5W	2.7W / 2.5W
OSD	Color Front / Back	Black / Black	Black / Black
	OSD Language Provided	Korean / Japanese / Chinese / English / German / Spanish / French / Italian / Swedish / Russian / Portuguese / Turkish / Hungarian / Polish	Korean / Japanese / Chinese / English / German / Spanish / French / Italian / Swedish / Russian / Portuguese / Turkish / Hungarian / Polish
Accessory (Supplied)	Power Cord, Quick Setup Guide, Warranty Card	Power Cord, Quick Setup Guide, Warranty Card	Power Cord, Quick Setup Guide, Warranty Card
	Speaker	1W x 2	1W x 2
Dimensions	Wall Mount	VESA 100 x 100	VESA 100 x 100
	Set Dimension with Stand (WxHxD) - MIN (mm / in.)	504.3 x 335.4 x 210.0 / 19.85" x 13.20" x 8.27"	554.6 x 380.3 x 224 / 21.83" x 14.97" x 8.82"
	Set Dimension with Stand (WxHxD) - MAX (mm / in.)	504.3 x 435.4 x 210.0 / 19.85" x 17.14" x 8.27"	554.6 x 510.3 x 224 / 21.83" x 20.09" x 8.82"
	Set Dimension without Stand (WxHxD) (mm / in.)	504.3 x 301.9 x 61.2 / 19.85" x 11.89" x 2.41"	554.6 x 330.5 x 61.2 / 21.83" x 13.01" x 2.41"
	Package Dimension (WxHxD) (mm / in.)	554.0 x 354.0 x 169.0 / 21.81" x 13.94" x 6.65"	626 x 400 x 195 / 24.65" x 15.75" x 7.68"
Weight	Stand (WxHxD) (mm / in.)	227 x 133.5 x 198 / 8.94" x 5.26" x 7.80"	245 x 169.8 x 216 / 9.65" x 6.69" x 8.50"
	Unit (kg / lbs.)	5.0kg / 11.0 lbs.	5.9kg / 13.0 lbs.
Stand Type	Packaged	6.0kg / 13.2 lbs.	7.4kg / 16.3 lbs.
	Swivel / Pivot / Tilt	-45° ~ 45° / 0° ~ 90° / -3° ~ 25°	-45° ~ 45° / 0° ~ 90° / -3° ~ 25°
EPEAT / ENERGY STAR	Height Adjustable (mm / in.)	100mm / 3.94"	130mm / 5.12"
Certification	EPEAT / ENERGY STAR	Silver / 5.1	Silver / 5.1
Warranty	EMC	FCC (USA), CE (Europe), KCC (Korea), C-Tick (Australia), CCC (China)	FCC (USA), CE (Europe), KCC (Korea), C-Tick (Australia), CCC (China)
	1 Year / 2 Year Extended Warranty	P-LM-1C3X23A / P-LM-2C3X23A	P-LM-1C3X26A / P-LM-2C3X26A

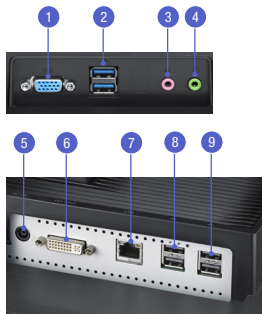
## IGEL UDC ADD-ON PACK

Optional	Add-On Pack, IGEL UDC*	Part No. 62-UDC-LIC-LX Single-Sign On (Imprivata, Caradigm, Evidian, etc.), Smart Card, Custom Partition, Shared Workplace, Wireless Networking, Touch Screen, Terminal Emulation: • Ericom Powerterm • IBM Client Access (5250)
	The IGEL Multimedia Codec Pack*	Part No. 62-MMCP-LIC-LX • Audio: MP3   WMA   AAC • Video: WMV (VC1)   H264   MPEG-4   MPEG-2
	Software Maintenance	Three Years Post UDC2

\*NOTE: If / when applying the above Add-On Pack, IGEL UDC, it overwrites the codec pack. Therefore, if codecs are needed, the customer must apply The IGEL Multimedia Codec Pack.

## CONNECTIVITY

- VGA In
- USB 3.0 x 2
- Mic
- Headphone
- DC 14V
- DVI-I Out
- LAN
- USB 2.0 x 2
- USB 2.0 x 2



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