



Meet the all-in-one cloud solution



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

The latest desktop virtualization access technology combined with the outstanding visual experience of modern business class displays. That's what organizations get with the Samsung TC-W Series all-in-one thin client cloud displays. Ideal for healthcare, education, government and financial industries, Samsung TC-W Series thin clients deliver desktops to end-users from a Microsoft, Citrix, VMware, Amazon or Web-based host within a business cloud. IT maintenance costs are decreased and sensitive data is better protected, while productivity increases. The Samsung TC-W Series cloud displays. Simplicity and flexibility that help your business grow.

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Key features



VMware, Citrix, Amazon and Microsoft ready

With the Samsung TC-W Series, cloud connectivity is built-in. No downloads or installs are necessary.



Windows 7 Embedded

Native write filtering protects local software from tampering or unauthorized changes, resulting in read-only OS characteristics.



All-in-one, clutter-free design

One power button, one power cord and no external brick make for a clean workspace that is easy to operate and deploy.



AMD G-Series Processor & SSD Storage

The AMD G-Series 2.2GHz dual core processor delivers ultra-high performance with a small energy footprint. The 32GB SSD storage provides fast boot, quick file access, and plenty of headroom for future firmware updates.



Expansive I/O

Connect keyboard and mouse to USB 2.0, experience fast data transfer with USB 3.0, and make use of legacy devices with serial port.



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.

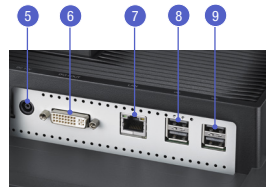
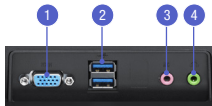
Samsung TC-W series 21.5" and 23.6" thin client cloud displays



| | | TC222W | TC242W |
|----------------------|--|--|--|
| Display | Screen Size | 21.5" | 23.6" |
| | Panel Type | TN, LED Backlit | TN, LED Backlit |
| | Aspect Ratio | 16:9 | 16:9 |
| | Pixel Pitch (H x V) | 0.294 x 0.294 mm | 0.2715 x 0.2715 mm |
| | Brightness (Typical) | 250 nits | 300 nits |
| | Contrast Ratio (Typical) | 1000:1 | 1000:1 |
| | Viewing Angle (H/V) | 170° / 160° (CR≥10), 178° / 170° (CR≥5) | 170° / 160° (CR≥10), 178° / 170° (CR≥5) |
| Client | Processor | AMD GX-222, 2.2GHz Dual Core | AMD GX-222, 2.2GHz Dual Core |
| | Graphics | AMD Radeon™ R5E | AMD Radeon™ R5E |
| | Audio | Realtek ALC282 | Realtek ALC282 |
| | Networking | Marvell 88E8055 Gigabit LAN | Marvell 88E8055 Gigabit LAN |
| | Memory (Socket) | 4GB DDR3 | 4GB DDR3 |
| | Flash | 32GB SSD | 32GB SSD |
| | Ethernet | 10/100/1000 Ethernet (RJ45) | 10/100/1000 Ethernet (RJ45) |
| | Wi-Fi | See Note ¹ | See Note ¹ |
| | Fan/Fanless | Fanless | Fanless |
| Software | OS | Operating System: Windows Embedded Standard 7, Service Pack 1 – 32 Bit (WES 7 SP1 32 Bit) Client-Side Software: Microsoft RDP 7.1 w/RemoteFX Citrix ICA/HDX 12.3 / Receiver 4.2.100 VMware View 5.11 / Enhanced Write Filter (EWF) / File Based Write Filter (FBWF) / Horizon Client 3.3.0 Internet Explorer 8 Media Player 12 | Operating System: Windows Embedded Standard 7, Service Pack 1 – 32 Bit (WES 7 SP1 32 Bit) Client-Side Software: Microsoft RDP 7.1 w/RemoteFX Citrix ICA/HDX 12.3 / Receiver 4.2.100 VMware View 5.11 / Enhanced Write Filter (EWF) / File Based Write Filter (FBWF) / Horizon Client 3.3.0 Internet Explorer 8 Media Player 12 |
| | Remote Management | Magic RMS Pro | Magic RMS Pro |
| | Cloud Access Support | Microsoft Remote Desktop Servers, Citrix Xen Desktop / Xen App, VMware Horizon View / Air, Amazon Workspaces | Microsoft Remote Desktop Servers, Citrix Xen Desktop / Xen App, VMware Horizon View / Air, Amazon Workspaces |
| Frequency | Horizontal / Vertical | 31~80 kHz / 56~75 Hz | 31~80 kHz / 56~75 Hz |
| | Maximum Resolution (H x V) (Dual Screen) | 1920 x 1080 (1920 x 1200) | 1920 x 1080 (1920 x 1200) |
| | Bandwidth | 135 MHz | 148.5 MHz |
| | Colors Supported | 16.7 million | 16.7 million |
| Signal | Sync. Type | (1) Separate H/V, (2) Sync On Green | (1) Separate H/V, (2) Sync On Green |
| | Input / Output | USB 2.0 x 4, USB 3.0 x 2, Serial Port - RS 232C (9pin D-SUB), Headphone Out, Mic In, VGA-In (15 Pin D-SUB In), DVI-I Out | USB 2.0 x 4, USB 3.0 x 2, Serial Port - RS 232C (9pin D-SUB), Headphone Out, Mic In, VGA-In (15 Pin D-SUB In), DVI-I Out |
| Power | Power Supply / Input | External | External |
| | Power On Maximum / Typical | 58W / 25W | 58W / 27W |
| | Standby | Less than 2.7W | Less than 2.7W |
| Cabinet Color | Color | Black | Black |
| | OSD | OSD Language Provided | OSD Language Provided |
| Accessory (Supplied) | Included in Package | (1) User Manual, (2) Power Cord, (3) Quick Setup Guide, (4) Warranty Card | (1) User Manual, (2) Power Cord, (3) Quick Setup Guide, (4) Warranty Card |
| | Speaker | 1W x 2 (Stereo) | 1W x 2 (Stereo) |
| | Wall Mount | VESA 100 x 100 | VESA 100 x 100 |
| Dimensions | Set Dimension with Stand (WxHxD) - MIN | 19.9" x 13.2" x 8.3" | 21.8" x 15.0" x 8.8" |
| | Set Dimension with Stand (WxHxD) - MAX | 19.9" x 17.1" x 8.3" | 21.8" x 20.1" x 8.8" |
| | Set Dimension without Stand (WxHxD) | 19.9" x 11.9" x 2.4" | 21.8" x 13.0" x 2.4" |
| | Package Dimension (WxHxD) | 21.8" x 13.9" x 6.7" | 24.6" x 15.7" x 7.7" |
| | Stand (WxHxD) | 8.9" x 5.3" x 7.8" | 9.6" x 6.7" x 8.5" |
| Weight | Unit | 11 lbs. | 13 lbs. |
| | Packaged | 13.2 lbs. | 16.3 lbs. |
| Stand Type | Swivel / Pivot / Tilt | -45° ~ 45° / 0° ~ 90° / -3° ~ 25° | -45° ~ 45° / 0° ~ 90° / -3° ~ 25° |
| | Height Adjustable | 100mm / 3.94" | 130mm / 5.12" |
| Certification | Safety | UL (USA): UL60950-1, CSA (Canada): CSA C22.2 No.60950-1, TUV (Germany): EN60950-1, NEMKO (Norway): IEC60950-1, EK (Korea): K60950-1, CCC (China): GB 4943, GB 9254, PSB (Singapore): IEC60950-1, GOST (Russia): EN60950-1, EN55022, NOM (Mexico): NOM-019-SCFI-1993, IRAM (Argentina): IRAM 4100, SASO (Saudi Arabia): IEC60950-1 | UL (USA): UL60950-1, CSA (Canada): CSA C22.2 No.60950-1, TUV (Germany): EN60950-1, NEMKO (Norway): IEC60950-1, EK (Korea): K60950-1, CCC (China): GB 4943, GB 9254, PSB (Singapore): IEC60950-1, GOST (Russia): EN60950-1, EN55022, NOM (Mexico): NOM-019-SCFI-1993, IRAM (Argentina): IRAM 4100, SASO (Saudi Arabia): IEC60950-1 |
| | EMC | FCC (USA), CE (Europe), VCCI (Japan), KCC (Korea), C-Tick (Australia), BSMI (Taiwan), CCC (China) | FCC (USA), CE (Europe), VCCI (Japan), KCC (Korea), C-Tick (Australia), BSMI (Taiwan), CCC (China) |
| Green Management | Energy/Environment Mark | Energy Star 6.1 | Energy Star 6.1 |
| Warranty | 1 Year Extended Warranty | P-LM-1C3X23A | P-LM-1C3X26A |
| | 2 Year Extended Warranty | P-LM-2C3X23A | P-LM-2C3X26A |

CONNECTIVITY

- VGA In
- USB
- Mic
- Headphone
- DC 14V
- DVI-I Out
- LAN
- USB
- USB



¹No integrated WiFi, but third party USB WiFi dongle can be added (support is the responsibility of third party USB WiFi vendor)

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