

ViewSonic®



SC-T46 (Win7 Pro) **Thin Client** **User Guide**

Model No. VS15832

Compliance Information

FCC Statement

This device complies with part 15 of FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:


- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

For Canada

CAN ICES-3 (B)/NMB-3(B)

CE Conformity for European Countries

 The device complies with the EMC Directive 2004/108/EC and Low Voltage Directive 2006/95/EC.

Following information is only for EU-member states:


The mark is in compliance with the Waste Electrical and Electronic Equipment Directive 2012/19/EC (WEEE).

The mark indicates the requirement NOT to dispose the equipment including any spent or discarded batteries or accumulators as unsorted municipal waste, but use the return and collection systems available.

If the batteries, accumulators and button cells included with this equipment, display the chemical symbol Hg, Cd, or Pb, then it means that the battery has a heavy metal content of more than 0.0005% Mercury or more than, 0.002% Cadmium, or more than 0.004% Lead.



Important Safety Instructions

1. Read these instructions completely before using the equipment.
2. Keep these instructions in a safe place.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this equipment near water. Warning: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
6. Do not block any ventilation openings. Install the equipment in accordance with the manufacturer's instructions.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce heat.
8. Do not attempt to circumvent the safety provisions of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade and the third prong are provided for your safety. If the plug does not fit into your outlet, consult an electrician for replacement of the outlet.
9. Protect the power cord from being tread upon or pinched, particularly at the plug, and the point where it emerges from the equipment. Be sure that the power outlet is located near the equipment so that it is easily accessible.
10. Only use attachments/accessories specified by the manufacturer.
11. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the equipment. When a cart is used, use caution when moving the cart/equipment combination to avoid injury from tipping over. 
12. Unplug this equipment when it will be unused for long periods of time.
13. Refer all servicing to qualified service personnel. Service is required when the unit has been damaged in any way, such as: if the power-supply cord or plug is damaged, if liquid is spilled onto or objects fall into the unit, if the unit is exposed to rain or moisture, or if the unit does not operate normally or has been dropped.
14. Do not remove equipment covers and access any of the components inside the equipment. Any access inside the equipment without an authorized or certified technician may cause serious injuries and damage. For any problem, contact your dealer for assistance.
15. Don't use a keyboard and mouse that in total require more than 200 mA of rated current during operation.
16. Use only power supplies listed in the user instructions.

Declaration of RoHS2 Compliance

This product has been designed and manufactured in compliance with Directive 2011/65/EU of the European Parliament and the Council on restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS2 Directive) and is deemed to comply with the maximum concentration values issued by the European Technical Adaptation Committee (TAC) as shown below:

Substance	Proposed Maximum Concentration	Actual Concentration
Lead (Pb)	0.1%	< 0.1%
Mercury (Hg)	0.1%	< 0.1%
Cadmium (Cd)	0.01%	< 0.01%
Hexavalent Chromium (Cr ⁶⁺)	0.1%	< 0.1%
Polybrominated biphenyls (PBB)	0.1%	< 0.1%
Polybrominated diphenyl ethers (PBDE)	0.1%	< 0.1%

Certain components of products as stated above are exempted under the Annex III of the RoHS2 Directives as noted below:

Examples of exempted components are:

1. Mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFL and EEFL) for special purposes not exceeding (per lamp):
 - (1) Short length (≤ 500 mm): maximum 3.5 mg per lamp.
 - (2) Medium length (> 500 mm and $\leq 1,500$ mm): maximum 5 mg per lamp.
 - (3) Long length ($> 1,500$ mm): maximum 13 mg per lamp.
2. Lead in glass of cathode ray tubes.
3. Lead in glass of fluorescent tubes not exceeding 0.2% by weight.
4. Lead as an alloying element in aluminium containing up to 0.4% lead by weight.
5. Copper alloy containing up to 4% lead by weight.
6. Lead in high melting temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead).
7. Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.

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ENERGY STAR® is a registered trademark of the U.S. Environmental Protection Agency (EPA). As an ENERGY STAR® partner, ViewSonic Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

Other product names mentioned herein are used for identification purposes only and may be trademarks and/or registered trademarks of their respective companies.

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In the interest of continuing product improvement, ViewSonic Corporation reserves the right to change product specifications without notice. Information in this document may change without notice.

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NOTE

- **Display Off Mode**
Within 15 minutes of user inactivity, the display will be turned off to reduce power consumption by the factory default. The display returns to the Display Normal mode upon sensing a request from a user such as moving the mouse or pressing a key.
(To adjust the setting, log in to the system with an administrative account, click **Start > Control Panel > System and Security > Power Options > Choose when to turn off the display**, select a desired option through the drop-down menu, and then click **Save Changes** to apply.)
- **System Sleep Mode**
To switch to the System Sleep mode for your SC-T45, please do the following:
 1. Press **Alt + F4** on the keyboard.
 2. On the appeared window, click the drop-down menu to select **Sleep**.
(To return to the Normal mode, press the Power button. You may need to provide user credentials.)



NOTE

- The default power management settings have been selected for compliance with ENERGY STAR that are recommended by the ENERGY STAR program for optimal energy savings.

Product Registration

To meet your future needs, and to receive any additional product information as it becomes available, please register your product on the Internet at: www.viewsonic.com.

For Your Records

Product Name:	SC-T46 ViewSonic Thin Client
Model Number:	VS15832
Document Number:	SC-T46_UG_ENG Rev. 1A 11-27-14
Serial Number:	_____
Purchase Date:	_____

Product disposal at end of product life

ViewSonic respects the environment and is committed to working and living green. Thank you for being part of Smarter, Greener Computing. Please visit ViewSonic website to learn more.

USA & Canada: <http://www.viewsonic.com/company/green/recycle-program/>

Europe: <http://www.viewsoniceurope.com/uk/support/recycling-information/>

Taiwan: <http://recycle.epa.gov.tw/recycle/index2.aspx>

Table of Contents

Compliance Information	i
Important Safety Instructions	ii
Declaration of RoHS2 Compliance	iii
Copyright Information	iv
Product Registration	v
1 Overview	1
1.1 Package Contents	2
1.2 Exterior Views	3
1.3 Panel Components	4
1.4 LED Indicators	6
2 Setting Up Your SC-T46	7
2.1 Positioning Your SC-T46	8
2.2 Assembling the AC Adapter	9
2.3 Getting Connected	9
Specifications	10
Customer Support	11
Limited Warranty	12

Overview

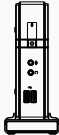
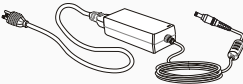

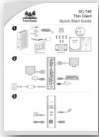


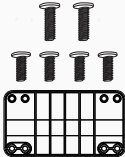
This chapter provides an overview of your SC-T46 thin clients.

1.1 Package Contents	
Check your package contents	2
1.2 Exterior Views	
Overview of thin client outside elements	3
1.3 Panel Components	
Descriptions of front and rear panel components	4
1.4 LED Indicators	
Descriptions of signals for LED indicators	6

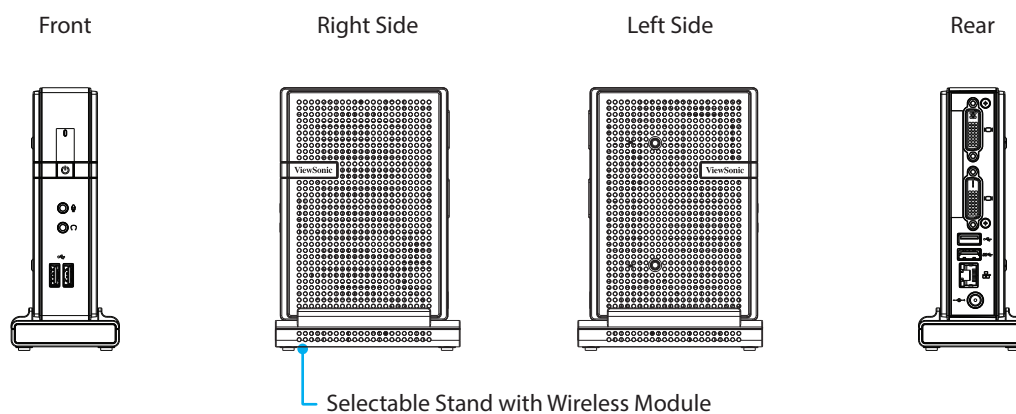
1.1 Package Contents

Please check your package contents. Ensure that all of the items are present in your package. If any items are missing or damaged, please contact your dealer immediately.

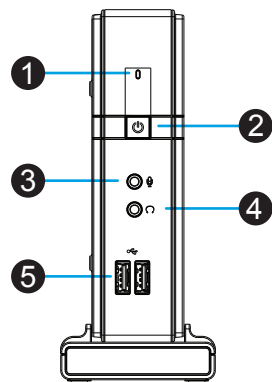
SC-T46 (With WiFi)





ViewSonic SC-T46 (with WiFi)	AC Adapter	DVI-I to VGA Adapter
		
Quick Start Guide	Optical Disk	Compliance Information brochure
		
VESA Mount Plate		
		

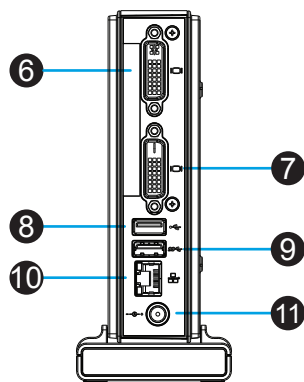
1.2 Exterior Views









1.3 Panel Components



Front Panel Components			
No.	Sign	Name	Description
1		Power LED	Indicates the status of power.
2		Power button	Press to turn on the thin client.
3		Microphone port	Connects to a microphone.
4		Headphone port	Connects to a set of headphones or a speaker system.
5		USB port (USB 2.0)	Connects to a USB device.



Rear Panel Components			
No.	Sign	Component Name	Description
6		DVI-I port	Connects to a monitor.
7		DVI-D port	Connects to a monitor.
8		USB port (USB 2.0)	Connects to a USB device.
9		USB port (USB 3.0)	Connects to a USB device.
10		LAN port	Connects to a network.
11		DC IN	Connects to an AC adapter.

1.4 LED Indicators

Your SC-T46 is equipped with a Power LED to indicate the state of power. The meanings of LED signals are described as follows:

LED	Signal	Meaning
Power LED	Off	The client is off.
	Orange	The client is in Sleep mode.
	Blue	The client is on.

The LAN port of your SC-T46 has two LED indicators showing the state of networking. The meanings of LED signals are described as follows:

	Left LED	Right LED	Meaning
	(transmission rate)	(transmission activity)	
LED Signal	Off	Off	The client is not connected to a LAN.
	Off	Amber blinking	The client connects to a 10 Mbps LAN.
	Orange	Amber blinking	The client connects to a 100 Mbps LAN.
	Green	Amber blinking	The client connects to a 1000 Mbps LAN.

2

Setting Up Your SC-T46

This chapter provides detailed instructions on how to set up your SC-T46 thin clients.

2.1 Positioning Your SC-T46

Mounting with Another VESA Bracket (SC-T46 (with WiFi))with WiFi) 8

2.2 Assembling the AC Adapter

How to assemble the AC adapter and its detached plug 9

2.3 Getting Connected

How to connect peripherals and power for SC-T46 9

2.1 Positioning Your SC-T46

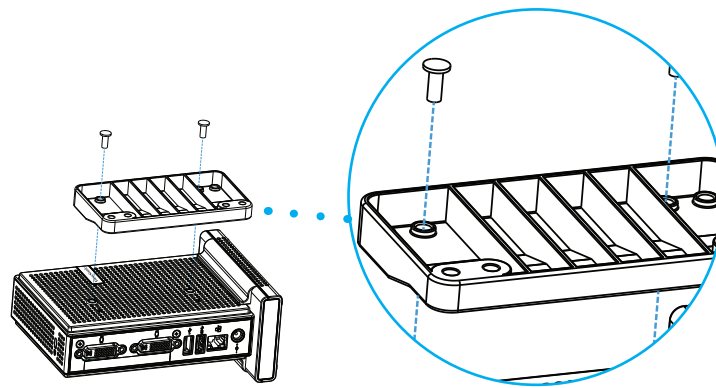
- Mount it on *the back of a monitor* using a VESA mount kit.

Mounting with Another VESA Bracket (SC-T46 (with WiFi))

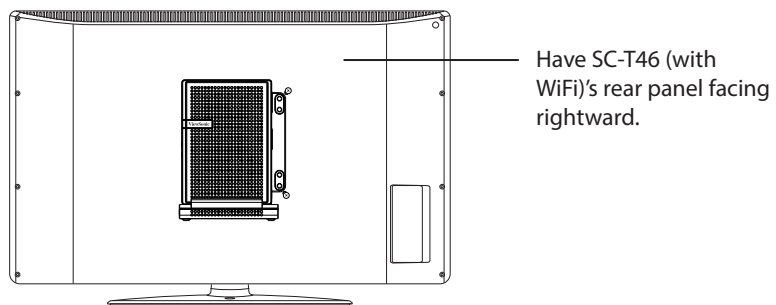
In case that your SC-T46 uses a non-standard stand with the wireless module (SC-T46 (with WiFi)), a different VESA bracket will be provided for you to mount your SC-T46 (with WiFi) on the back of a monitor.

To mount your SC-T46 (with WiFi), follow the steps below:

1. Align two mount holes on the VESA bracket with two mount holes on your SC-T46 (with WiFi), and then secure the bracket to your SC-T46 (with WiFi) with two (2) screws as shown below.



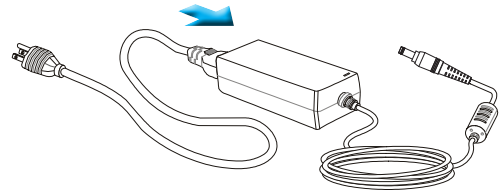
2. Align the mount holes on the VESA bracket with the mount holes on the monitor, and then secure the bracket and SC-T46 (with WiFi) to the monitor with two (2) screws as shown. Ensure that your SC-T46 (with WiFi) is located in the center of the monitor and the rear panel of your SC-T46 (with WiFi) is facing rightward as shown below.



2.2 Assembling the AC Adapter

To assemble the AC adapter for your SC-T46, please do the following:

1. Unpack your thin client package and take out the AC adapter and its detached AC power cord.
2. Press the female end of the power cord into the male connector of the AC adapter.



NOTE

- The plug of the supplied power cord may vary with your area.

2.3 Getting Connected

To make connections for your SC-T46, please do the following:

1. Connect your SC-T46 to your local network with an Ethernet cable.
2. Connect a keyboard and mouse to your SC-T46 with USB ports.
3. Connect and turn on the monitor(s).
4. Connect your SC-T46 to a power outlet using the AC adapter included in the package.



NOTE

- For detailed instructions on how to assemble the supplied AC adapter, please refer to section "2.2 Assembling the AC Adapter" on page 9.

5. Connect other peripherals for your SC-T46 if needed.

Specifications

ViewSonic SC-T46 thin clients

Processor	Intel® Bay Trail 1.83 GHz quad-core		
Chipset	Intel® HD graphics chip		
System Memory	4 GB		
Flash Memory	32 GB		
Resolutions	Up to 1920 x 1200		
I/O interfaces	Front: 2 x USB 2.0 1 x Microphone 1 x Headphone	Rear: 1 x USB 2.0 1 x USB 3.0 1 x RJ-45	1 x DVI-I 1 x DVI-D 1 x DC IN
Networking	10/100/1000Mb Ethernet Wireless IEEE 802.11 b/g/n (only for SC-T46 (with WiFi))		
Power	Input/Output: 100-240Vac, 1A, 50-60 Hz / DC +12Vdc, 3A		
Operating system	Windows 7 Pro		
Security	Kensington security slot		
Dimensions	(W)66.5 x (H)159.2 x (D)103 mm		
Net Weight	0.47 kg (with WiFi)		
Environment	Operating Temperature: 0° C ~ 35° C Non-operating Temperature: -30° C ~ 60° C Operating Humidity (Rh): 10% ~ 90% (non-condensing) Non-operating Humidity (Rh): 5% ~ 95%		

Other Information

Customer Support

For technical support or product service, see the table below or contact your reseller.

NOTE: You will need the product serial number.

Country/ Region	Website	T= Telephone C = CHAT ONLINE	Email
Australia/New Zealand	www.viewsonic.com.au	AUS= 1800 880 818 NZ= 0800 008 822	service@au.viewsonic.com
Canada	www.viewsonic.com	T (Toll-Free)= 1-866-463-4775 T (Toll)= 1-424-233-2533	service.ca@viewsonic.com
Europe	www.viewsoniceurope.com	www.viewsoniceurope.com/uk/support/call-desk/	
Hong Kong	www.hk.viewsonic.com	T= 852 3102 2900	service@hk.viewsonic.com
India	www.in.viewsonic.com	T= 1800 266 0101	service@in.viewsonic.com
Korea	ap.viewsonic.com/kr/	T= 080 333 2131	service@kr.viewsonic.com
Latin America (Argentina)	www.viewsonic.com/la/	C= http://www.viewsonic.com/la/soporte/servicio-tecnico	soporte@viewsonic.com
Latin America (Chile)	www.viewsonic.com/la/	C= http://www.viewsonic.com/la/soporte/servicio-tecnico	soporte@viewsonic.com
Latin America (Columbia)	www.viewsonic.com/la/	C= http://www.viewsonic.com/la/soporte/servicio-tecnico	soporte@viewsonic.com
Latin America (Mexico)	www.viewsonic.com/la/	C= http://www.viewsonic.com/la/soporte/servicio-tecnico	soporte@viewsonic.com
Nexus Hightech Solutions, Cincinnati #40 Desp. 1 Col. De los Deportes Mexico D.F. Tel: 55) 6547-6454 55)6547-6484 Other places please refer to http://www.viewsonic.com/la/soporte/servicio-tecnico#mexico			
Latin America (Peru)	www.viewsonic.com/la/	C= http://www.viewsonic.com/la/soporte/servicio-tecnico	soporte@viewsonic.com
Macau	www.hk.viewsonic.com	T= 853 2870 0303	service@hk.viewsonic.com
Middle East	ap.viewsonic.com/me/	Contact your reseller	service@ap.viewsonic.com
Puerto Rico & Virgin Islands	www.viewsonic.com	T= 1-800-688-6688 (English) C = http://www.viewsonic.com/la/soporte/servicio-tecnico	service.us@viewsonic.com soporte@viewsonic.com
Singapore/ Malaysia/ Thailand	www.ap.viewsonic.com	T= 65 6461 6044	service@sg.viewsonic.com
South Africa	ap.viewsonic.com/za/	Contact your reseller	service@ap.viewsonic.com
United States	www.viewsonic.com	T (Toll-Free)= 1-800-688-6688 T (Toll)= 1-424-233-2530	service.us@viewsonic.com

Limited Warranty

ViewSonic® Thin Client

What the warranty covers:

ViewSonic warrants its products to be free from defects in material and workmanship during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, ViewSonic will, at its sole option, repair or replace the product with a similar product. Replacement Product or parts may include remanufactured or refurbished parts or components. The replacement unit will be covered by the balance of the time remaining on the customer's original limited warranty. ViewSonic provides no warranty for the third-party software included with the product or installed by the customer.

How long the warranty is effective:

ViewSonic Thin Client products are warranted for (3) years from the first consumer purchase for parts and labor.

User is responsible for the back up of any data before returning the unit for service. ViewSonic is not responsible for any data lost.

Who the warranty protects:

This warranty is valid only for the first consumer purchaser.

What the warranty does not cover:

1. Any product on which the serial number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
 - a. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
 - b. Any damage of the product due to shipment.
 - c. Removal or installation of the product.
 - d. Causes external to the product, such as electrical power fluctuations or failure.
 - e. Use of supplies or parts not meeting ViewSonic's specifications.
 - f. Normal wear and tear.
 - g. Any other cause which does not relate to a product defect.
3. Any product exhibiting a condition commonly known as "image burn-in" which results when a static image is displayed on the product for an extended period of time.
4. Removal, installation, one way transportation, insurance, and set-up service charges.

How to get service:

1. For information about receiving service under warranty, contact ViewSonic Customer Support (Please refer to Customer Support page). You will need to provide your product's serial number.
2. To obtain warranty service, you will be required to provide (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
3. Take or ship the product freight prepaid in the original container to an authorized ViewSonic service center or ViewSonic.
4. For additional information or the name of the nearest ViewSonic service center, contact ViewSonic.

Limitation of implied warranties:

There are no warranties, express or implied, which extend beyond the description contained herein including the implied warranty of merchantability and fitness for a particular purpose.

Exclusion of damages:

ViewSonic's liability is limited to the cost of repair or replacement of the product. ViewSonic shall not be liable for:

1. Damage to other property caused by any defects in the product, damages based upon inconvenience, loss of use of the product, loss of time, loss of profits, loss of business opportunity, loss of goodwill, interference with business relationships, or other commercial loss, even if advised of the possibility of such damages.
2. Any other damages, whether incidental, consequential or otherwise.
3. Any claim against the customer by any other party.
4. Repair or attempted repair by anyone not authorized by ViewSonic.

Effect of state law:

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on implied warranties and/or do not allow the exclusion of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

Sales outside the U.S.A. and Canada:

For warranty information and service on ViewSonic products sold outside of the U.S.A. and Canada, contact ViewSonic or your local ViewSonic dealer.

The warranty period for this product in mainland China (Hong Kong, Macao and Taiwan Excluded) is subject to the terms and conditions of the Maintenance Guarantee Card.

For users in Europe and Russia, full details of warranty provided can be found in www.viewsoniceurope.com under Support/Warranty Information.

