User's Guide

Dell E2014T

Regulatory model: E2014Tt





- CAUTION: A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.
- MARNING: A WARNING indicates a potential for property damage, personal injury, or death.

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About Your Monitor

Package Contents

Your monitor ships with the components shown below. Make sure that you have received all the components and <u>contact Dell</u> if something is missing.



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NOTE: Some items may be optional and may not ship with your monitor. Some features or media may not be available in certain countries.

NOTE: To set up with any other stand, see the documentation for the stand.



USB cable (enables touch screen function on the monitor)
Screen cleaning cloth
Velcro strap
 Quick Setup Guide Drivers and Documentation Media Product and Safety Information Guide

Features

Your monitor features the following:

- 49.41 cm (19.5 inch) diagonal display area.
- Resolution of 1600 x 900.
- Tilt adjustment (5.5 degrees up and 31 degrees down).
- Removable stand.
- 100 mm x 100 mm Video Electronics Standards Association (VESA) compliant mounting holes.
- Plug-and-play support.
- On-Screen Display (OSD) controls for easy setup and screen optimization.
- Security cable slot.
- Stand lock.
- INF file, Image and color matching (ICM) file, Dell Display Manager software, and product documentation included in the media shipped with your monitor.
- Asset management capability.
- Energy Star compliant.
- EPEAT Gold compliant.
- BFR/PVC-reduced.
- Arsenic-free glass and mercury-free panel.
- Real-time energy gauge to check the energy being used by the monitor.
- TCO certified.

Parts and Controls

Front View



Label	Description	
1	Function buttons (For more information, see Operating the Monitor)	
2	Power On/Off button (with indicator light)	

Back View



Label	Description	Use
1	100 mm x 100 mm VESA mounting holes (under VESA cover)	Wall mount monitor using 100 mm x 100 mm VESA-compatible wall-mount kit.
2	Regulatory label	Lists the regulatory approvals.
3	Stand release button	Releases the stand from the monitor.

4	Barcode serial number label	Refer to this label if you need to contact Dell for technical support.
5	Dell soundbar mounting slots	Attaches the Dell Soundbar (optional).
6	Cable management slot	Organize cables by placing them through the slot.

Side View



Bottom View



Bottom view

Label	Description	Use
1	AC power cord port	Connect the power cable.
2	DisplayPort port	Connect a DisplayPort cable from your computer to the monitor.
3	HDMI (MHL) port	Connect your computer with HDMI cable or portable device with MHL cable (optional).
4	VGA port	To connect your computer to the monitor using a VGA cable (optional).
5	Audio line-out port	Connect speakers to playback audio coming through HDMI or DisplayPort audio channels. Only supports 2-channel audio. NOTE: The audio line-out port does not support headphones.

6	USB upstream port	Connect the USB cable from the monitor to the computer to allow you to use the USB ports and touch screen function on the monitor.
7	USB 2.0 downstream ports	Connect your USB device. You must connect the USB upstream cable to your monitor and computer before you can use these ports.
8	Security cable slot	Use a security cable to prevent unauthorized removal of the monitor. (security cable sold separately)
9	Stand lock	Use a M3 x 6 mm screw to lock the stand to the monitor. (screw not included)

Specifications

Panel

Screen type	Active matrix - TFT LCD
Panel type	TN
Viewable image	
Diagonal	49.41 cm (19.5 inches)
Horizontal Active Area	432.00 mm (17.01 inches)
Vertical Active Area	239.76 mm (9.44 inches)
Area	103576.32 mm ² (160.54 inch ²)
Pixel pitch	0.27 mm (H) x 0.27 mm (W)
Viewing angle	
Horizontal Vertical	170 degrees (typical) 160 degrees (typical)
Luminance	
Panel Monitor	250 cd/m² (typical) 225 cd/m² (typical)
Contrast ratio	1000:1 (typical)
Dynamic contrast ratio	8,000,000 : 1
Faceplate coating	Anti-glare with hard coating 3H
Bezel gloss	3~5 gloss units
Touch glass gloss	>30 gloss units NOTE: The user should consider the placement of the display as the reflection of surrounding light and bright surfaces from the glass may cause disturbances to users.
Backlight	LED edgelight system
Response time	2 ms (with overdrive)
Color depth	16.77 million colors

	72% (CIE1976)
Color gamut (typical)	NOTE: Color gamut (typical) is based on CIE1976 (72%) and CIE1931 (72%) test standards.

Touch

Туре	Infrared Optical System
Panel diagonal	19.5″
Panel thickness	6.5 <u>+</u> 0.3 mm
Active area	Extended beyond viewing area
Cover glass thickness	3.0 +0.0/-0.3 mm
Input method	Bare finger, thin gloves, conductive stylus
Touch point	5 touches with palm accommodation
Output position resolution	32767 x 32767
Touch method	Fingers and thin gloves
Operating system	Windows 8 certified

NOTE: When the monitor is in Sleep mode, move the mouse, press any key on the keyboard, or double-tap firmly on the screen to wake up the monitor.

Resolution

Horizontal scan range	30 kHz to 83 kHz (automatic)
Vertical scan range	56 Hz to 75 Hz (automatic)
Maximum resolution	1600 x 900 at 60 Hz
Video display capabilities	480p, 576p, 720p, 1080p, and 1080i

Electrical

Video input signals	DisplayPort 1.2 / HDMI / MHL / VGA
Synchronization input signals	 Separate horizontal and vertical synchronizations. Polarity-free TTL level SOG (composite SYNC on green)
AC input voltage	100 VAC to 240 VAC
Frequency	50 Hz or 60 Hz + 3 Hz
Current	1.5 A (Max.)
Inrush current	120 V:70 A (Max.) 240 V:150 A (Max.)

Environmental Characteristics

Temperature	
Operating	0 °C to 40 °C (32 °F to 104 °F)
Non-operating	-20 °C to 60 °C (-4 °F to 140 °F)
Humidity	
Operating	10% to 80% (non-condensing)
Non-operating	5% to 90% (non-condensing)
Altitude	
Operating	5,000 m (16,400 ft) max
Non-operating	12,191 m (40,000 ft) max
Thermal dissipation	136.49 BTU/hour (maximum) 54.59 BTU/hour (typical)

Preset Display Modes

Display Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock (MHz)	Sync Polarity (Horizontal/ Vertical)
720 x 400	31.5	70.0	28.3	-/+
640 x 480	31.5	60.0	25.2	-/-
640 x 480	37.5	75.0	31.5	-/-
800 x 600	37.9	60.0	40.0	+/+
800 x 600	46.9	75.0	49.5	+/+
1024 x 768	48.4	60.0	65.0	-/-
1024 x 768	60.0	75.0	78.8	+/+
1152 x 864	67.5	75.0	108.0	+/+
1280 x 1024	64.0	60.0	108.0	+/+
1280 x 1024	80.0	75.0	135.0	+/+
1600 x 900	60.0	60.0	97.8	+/-

Physical Characteristics

Connector type	
DisplayPort	One DisplayPort 1.2 port Maximum resolution: 1600 x 900
HDMI	Two HDMI/MHL ports Maximum resolution: 1600 x 900
VGA	One VGA port Maximum resolution: 1600 x 900

USB	One USB 2.0 upstream port Two USB 2.0 downstream ports
Audio	One audio-out port
Signal cable type	 D-Sub HDMI MHL DisplayPort USB 2.0
Dimensions (with stand)	
Height	376.0 mm (14.80 inches)
Width	505.9 mm (19.92 inches)
Depth	165.0 mm (6.50 inches)
Dimensions (without stand)	
Height	311.2 mm (12.25 inches)
Width	505.9 mm (19.92 inches)
Depth	51.7 mm (2.04 inches)
Stand dimensions	
Height	289.8 mm (11.41 inches)
Width	180.0 mm (7.09 inches)
Depth	165.0 mm (6.50 inches)
Weight	
Weight with packaging	6.07 kg (13.35 lb)
Weight with stand assembly and cables	4.89 kg (10.76 lb)
Weight without stand assembly (For wall mount or VESA mount considerations - no cables)	3.43 kg (7.55 lb)
Weight of stand assembly	1.08 kg (2.38 lb)

Power Management Modes

If you have VESA's DPM[™] compliance display card or software installed in your PC, the monitor can automatically reduce its power consumption when not in use. This is referred to as Power Save Mode. If the computer detects input from keyboard, mouse, or other input devices, the monitor automatically resumes functioning. The following table shows the power consumption and signaling of Power Save Mode:

VESA Modes	Horizontal Sync	Vertical Sync	Video	Power Indicator	Power Consumption
Normal operation	Active	Active	Active	White	16 W (typical) 40 W (maximum)
Active-off mode	Inactive	Inactive	Blank	Brething white	Less than 0.5 W
Switch off	-	-	-	Off	Less than 0.5 W



NOTE: This monitor is ENERGY STAR[®]-compliant. ENERGY STAR

NOTE: Zero power consumption in OFF mode can only be achieved by disconnecting the power cable from the monitor.

The OSD functions only in the normal operation mode. If you press any button is pressed in Active-off mode, the following message is displayed:

Dell E2014T	
	ur computer. Press any key on the ake it up. If there is no display, press ne correct input source on the

Pin Assignments

VGA



Pin Number	15-pin Side of the Connected Signal Cable	Pin Number	15-pin Side of the Connected Signal Cable
1	Video-Red	9	Computer 5 V/3.3 V
2	Video-Green	10	GND-sync
3	Video-Blue	11	GND
4	GND	12	DDC data
5	Self-test	13	H-sync
6	GND-R	14	V-sync
7	GND-G	15	DDC clock
8	GND-B		

HDMI



Pin Number	19-pin Side of the monitor connector	Pin Number	19-pin Side of the monitor connector
1	TMDS Data 2+	11	TMDS Clock Shield
2	TMDS Data 2 Shield	12	TMDS Clock-
3	TMDS Data 2-	13	Floating
4	TMDS Data 1+	14	Floating
5	TMDS Data 1 Shield	15	DDC Clock (SDA)
6	TMDS Data 1-	16	DDC Data (SDA)
7	TMDS Data 0+	17	Ground
8	TMDS Data 0 Shield	18	+5 V Power
9	TMDS Data 0-	19	Hot plug detect
10	TMDS Clock		

DisplayPort



Pin Number	20-pin Side of the monitor connector	Pin Number	20-pin Side of the monitor connector
1	ML0 (p)	11	GND
2	GND	12	ML3 (n)
3	MLO (n)	13	GND
4	ML1 (p)	14	GND
5	GND	15	AUX (p)
6	ML1 (n)	16	GND
7	ML2 (p)	17	AUX (n)
8	GND	18	HPD
9	ML2 (n)	19	DP_PWR Return
10	ML3 (p)	20	+3.3 V DP_PWR

Universal Serial Bus (USB)

This section gives you information about the USB ports available on your monitor. Your computer has the following USB ports:

- 1 upstream
- 2 downstream

NOTE: The USB ports on this monitor are USB 2.0 compliant.

Transfer speed	Data Rate	Power Consumption	
Hi-Speed	480 Mbps	2.5 W each port (maximum)	
Full speed	12 Mbps	2.5 W each port (maximum)	

USB Upstream port

USB Downstream port





Pin Number	Signal name	Pin Number	Signal name
1	DMU	1	VCC
2	VCC	2	DMD
3	DPU	3	DPD
4	GND	4	GND



NOTE: USB 2.0 functionality requires a USB 2.0-capable computer.

NOTE: The monitor's USB ports work only when the monitor is on or in the power save mode. If you turn off the monitor and then turn it on, the attached peripherals may take a few seconds to resume normal functionality.

Plug-and-Plav

You can install the monitor in any Plug-and-Play-compatible computer. The monitor automatically provides its Extended Display Identification Data (EDID) to the computer using Display Data Channel (DDC) protocols so the system can configure itself and optimize the monitor settings. Most monitor installations are automatic; you can select different settings if desired. For more information about changing the monitor settings, see **Operating the Monitor**.

LCD Monitor Quality and Pixel Policy

During the LCD Monitor manufacturing process, it is not uncommon for one or more pixels to become fixed in an unchanging state. These are hard to see and do not affect the display quality or usability. For more information on Dell Monitor Quality and Pixel Policy, see **dell.com/support/monitors**.

Maintenance Guidelines

Cleaning Your Monitor



WARNING: Read and follow the <u>safety instructions</u> before cleaning the monitor.

WARNING: Before cleaning the monitor, unplug the monitor power cable from the electrical outlet.

For best practices, follow these instructions while unpacking, cleaning, or handling your monitor:

To clean your screen, use a soft, clean cloth lightly dampened with water. You can also use special screen-cleaning tissue or solution suitable for the antistatic coating. To avoid using detergent of any kind as some detergents leave a milky film on the monitor, use a lightly-dampened, warm cloth to clean the monitor.

CAUTION: Do not use benzene, thinner, ammonia, abrasive cleaners, or compressed air.

- Use a lightly-dampened, warm cloth to clean the monitor. Avoid using detergent of any kind as some detergents leave a milky film on the monitor.
- If you notice white powder when you unpack your monitor, wipe it off with a soft and clean cloth.
- Handle your monitor with care to avoid scratches and scuff marks.
- To help maintain the best image quality on your monitor, use a dynamically changing screen saver and turn off your monitor when not in use.

Setting Up the Monitor

Attaching the Stand



NOTE: The stand is detached from monitor when it is shipped from the factory.



NOTE: If you purchased a different stand for your monitor, see the documentation for that stand for setup instructions.



To attach the monitor stand:

- 1. Place the monitor on a flat surface.
- 2. Insert the two tabs on the upper part of the stand to the groove in the back of the monitor.
- **3.** Press-down on the stand till it snaps into its place.

Connecting Your Monitor



WARNING: Follow the <u>Safety Instructions</u> before you perform any of the procedures in this section,

To connect your monitor to the computer:

1. Turn off your computer and disconnect the power cable from the wall outlet.

2. Connect the USB cable and only one of the following display cables to your computer:

VGA cable, DisplayPort cable, or HDMI cable

NOTE: Do not connect multiple display cables to the same computer.

Connecting the VGA Cable



Connecting the DisplayPort Cable



Connecting the HDMI Cable



Connecting the USB Cable



NOTE: The graphics are used for the purpose of illustration only. Appearance of the computer may vary.

Organizing Cables

After you connect all necessary cables to your monitor and computer, use the cable-management slot to organize the cables.



Removing the Stand



NOTE: To avoid scratching on the LCD screen while removing the stand, make sure that the monitor is placed on a clean surface.



NOTE: If you purchased a different stand for your monitor, see the documentation for that stand for setup instructions.



To remove the stand:

- 1. Place the monitor on a flat surface.
- 2. Press and hold the Stand release button.
- **3**. Lift the stand up and away from the monitor.

Wall Mounting (Optional)



NOTE: Use M4 x 10 mm screws to mount your display. For more details, see the instructions that came with the VESA-compatible wall-mounting kit.

- **1.** Place the monitor on a soft cloth or cushion on a stable flat table.
- 2. Remove the stand.
- **3.** Use a screwdriver to remove the four screws that secure the back cover.
- **4.** Attach the mounting bracket from the wall-mounting kit to the monitor.
- **5.** Mount the monitor on the wall by following the instructions that came with the wall mounting kit.





NOTE: For use only with UL-listed wall-mount bracket with minimum weight/load bearing capacity of 3.43 kg.

Operating the Monitor

Side-Panel Controls

Use the control buttons on the front of the monitor to adjust monitor and image settings. Pressing these buttons displays the OSD with the details of the settings that you can change.



The following table describes the front panel buttons:

Fro	ont-panel button	Description
1	Shortcut key: Preset Modes	Use this button to choose from a list of preset color modes.
2	Shortcut key: Brightness/Contrast	Use this button to directly access the Brightness/ Contrast menu.
3	Menu	Use this button to launch the On-Screen Display (OSD) and select options in the OSD. See <u>Accessing the Menu System</u> .
4	Exit	Use this button to go back to the main menu or exit the OSD main menu.
5	Power (with power light indicator)	Use this button to turn the monitor turn-on or turn-off the monitor. A solid white light on this button indicates the monitor is On and fully functional. A blinking/breathing white LED indicates DPMS power save mode.

22 Setting Up the Monitor

Front-Panel Button

Use the buttons on the right side of the monitor to adjust the image settings.



Butt	ton		Description
1	∧ Up	Down	Use the Up (increase) and Down (decrease) keys to adjust items in the OSD menu.
2		<	Use the OK key to confirm your selection.
3	Bac) ck	Use the Back key to go back to the previous menu.

Using the On-Screen Display (OSD) Menu

Accessing the Menu System

1.

NOTE: Any changes you make using the OSD menu are automatically saved if you move to another OSD menu, exit the OSD menu, or wait for the OSD menu to disappear.

Press the button to launch the OSD menu and display the main menu. Dell E2014T -0-Brightness / Contrast Ò. D **[+**] Auto Adjust ₽ Input Source . Color Settings **Display Settings** 75 75 VI Energy Settings Menu Settings <u>+</u>--Other Settings Personalize Resolution: 1600x900, 60Hz

NOTE: Auto Adjust feature is only available when you use the VGA connector.

- 2. Press the and buttons to move between the OSD menu options. As you move from one icon to another, the option name is highlighted. See the following table for a complete list of all the options available for the monitor.
- 3. Press the or button once to activate the highlighted option.
- **4.** Press the **A** and **B** buttons to select the desired parameter.
- 5. Press to enter the slide bar and then use the for button, according to the indicators on the menu, to make your changes.
- 6. Press the button once to return to the main menu to select another option or press the button two or three times to exit from the OSD menu.

OSD Options

C3D Options					
Menu and Submenus	Description				
Energy Use	This meter shows, in real time, the energy level being consumed by the monitor.				
	Use this menu to activate Brightness/Contrast adjustment.				
	Dell E2014T Energy Use (((((((((((((((((((((((((((((((((((
	- Ø- Brightness / Contrast				
	Auto Adjust				
	Input Source				
- O -	Color Settings				
	Display Settings 75 75				
Brightness/Contrast	M Energy Settings				
	Menu Settings				
	Image: Settings				
	X Personalize → © Resolution: 1600x900, 60Hz				
	Brightness adjusts the luminance of the backlight				
	(minimum 0; maximum 100).				
Brightness	Press the \Lambda button to increase brightness.				
brightness	Press the 💟 button to decrease brightness.				
	NOTE: Brightness control is disabled during "Screen dim"				
	in PowerNap option when screen saver is activated.				
	Press the 🔼 button to increase contrast and Press the 💟				
	button to decrease contrast (between 0 and 100).				
Contrast	Adjust Brightness first, and then adjust Contrast only if				
Contrast	further adjustment is necessary.				
	Contrast adjusts the difference between darkness and				
	lightness on the monitor.				

Menu and Submenus	Description
	The Auto Adjust feature optimizes the display settings for use with your setup. Auto Adjust feature allows the monitor to automatically adjust to the incoming video signal. After using Auto Adjust feature, you can further tune your monitor by using the Pixel Clock and Phase controls under Displays Settings.
💽 Auto Adjust	Dell E2014T Energy Use Image: Source Image: Source Image: Source Press √ to adjust the screen automatically. Image: Source Image: Source Image: Source Image: Source <t< td=""></t<>
	The following dialog appears on a black screen as the monitor automatically adjusts to the current input: Auto Adjustment in progress NOTE: In most cases, Auto Adjust produces the best
	image for your configuration. NOTE: Auto Adjust feature option is only available when your monitor is connected using the VGA cable.
₽ Input Source	Use the Input Source menu to select between different video inputs that are be connected to your monitor.

Description
Select VGA and press 🗹 when your computer and monitor are connecting using the VGA cable.
Select DisplayPort and press 🗹 when your computer and monitor are connecting using the DisplayPort cable.
Select HDMI(MHL)1 and press 🗹 when your computer and monitor are connecting using the HDMI(MHL)1 cable
Select HDMI(MHL)2 and press M when your computer and monitor are connecting using the HDMI(MHL)2 cable
Use the Color Settings menu to adjust the monitor's color settings
Dell E2014T Energy Use Illillillillillillillillillillillillilli
V Energy Settings Image: Settings Image: Setings Imag
Allows you to set the video input mode to. RGB: Select this option if your monitor is connected to a computer or DVD player using the VGA and HDMI cable. YPbPr: Select this option if your DVD player supports onl YPbPr output.
Dell E2014T Energy Use Imput Source Imput Source Image Enhance Multimedia Color Settings Reset Color Settings Display Settings Game ✓ Energy Settings

Menu and Submenus Description

Field and Submerius	Beschption					
	Dell E2014T		Energy Use IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			
	- D- Brightness / Contrast	Input Color Format				
	+ Auto Adjust	Preset Modes	Standard			
	Input Source	Hue	Multimedia			
	Color Settings	Saturation	🗸 Movie			
	Display Settings	Image Enhance	Game			
	 Energy Settings Menu Settings 	Reset Color Settings	Text A			
	tt Other Settings					
	+ Personalize		Custom Color			
	Resolution: 1600x900, 0	60Hz	5			
		It color settings	. This is the default preset			
Preset Mode	mode.					
i reset mode	Multimedia: Idea	al for multimedi	a applications.			
	Movie: Ideal for	movies.				
	Game: Ideal for	most gaming ap	oplications.			
	Text: Ideal for office					
	Warm: Increases the color temperature. The screen					
	appears warmer	· with a red/yello	ow tint.			
	Cool: Decreases	s the color temp	perature. The screen			
	appears cooler	with a blue tint.				
			anually adjust the color			
	-		puttons to adjust the Red,			
	mode.	values and crea	ate your own preset color			
	5	1 5	enhance hues, and boost			
Image Enhance	color contrast to					
-			vailable for Standard,			
	Multimedia, Mov					
	Shift color of vio					
			lesired flesh tone.			
	Use \Lambda or 💙 to	-				
Hue	Press \Lambda to incr	5				
	Press 💟 to incr	ease the purple	shade.			
	NOTE: Hue adju	istment is availa	ble only for Movie and			
	Game mode.					

Menu and Submenus	Description				
	This feature adjusts the color s image. Use 🖍 or 🔪 to adjust 100.				
Saturation	Press \Lambda to increase the mono Press 🚺 to increase the color				
	NOTE: Saturation adjustment i input.	s available only for video			
Reset Color Settings	Resets your monitor's color se defaults.	ttings to the factory			
	Dell E2014T	Energy Use IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			
	- Drightness / Contrast Aspect Ratio	Wide 16:9			
	Auto Adjust Horizontal Position	▶ 50			
	Input Source Vertical Position	▶ 50			
	Color Settings	▶ 50			
Disalas California	Display Settings Pixel Clock	▶ 50			
Display Settings	V Energy Settings Phase	> 50			
	Menu Settings Dynamic Contrast Dynamic Contrast				
	Other Settings Reset Display Settings Personalize				
	Resolution: 1600x900, 60Hz	×			
Aspect Ratio	Adjust the image ratio to Wide	16:9, 4:3, or 5:4.			
Horizontal Position	Adjusts the horizontal position Use the \Lambda and 🏹 buttons to	5			
Vertical Position	Adjusts the vertical position of	the image.			
vertical Position	Use the 🔼 and 💟 buttons to	change the image position			
Sharpness	Makes the image look sharper				
Sharphess	Use 🔼 or 💟 to adjust the sha	arpness.			
	The Phase and Pixel Clock adju	ustments allow you to adjus			
Pixel Clock	your monitor to your preference.				
FIXEL CLOCK	Use the \Lambda and 💟 buttons to adjust for best				
	image quality.				
	If satisfactory results are not o	0			
	adjustment, use the Pixel Cloc	k (coarse) adjustment and			
Phase	then use Phase (fine), again.				
1 11030	NOTE: Pixel Clock and Phase A	Adjustments are only			
	available when your monitor is cable.	s connected using the VGA			

Menu and Submenus	Description			
Dynamic Contrast	Dynamic Contrast 8,000,000 : 1. Push the butto or "Off".			
Reset Display Settings	Restores the displa	y settings to f	actory default	S.
Energy Settings	Auto Adjust	wer Button LED	Energy Use IIIIIIIIIIIII	
Energy Smart	Turn-on or turn-of Energy Smart turned dimming. With Ener consume overall le Smart is turned "off NOTE: Under Ener- will decrease when darker scenes. The	ed "on" will ac rgy Smart turn ss power com ". gy Smart mod a transitioning energy usage	tivate the dyn ned on, the m npared to whe e, the energy from bright so bar will increa	onitor will n Energy usage bar cenes to ase when
Energy Smart	Energy Smart turne dimming. With Ener consume overall le Smart is turned "off NOTE: Under Ener will decrease when	ed "on" will ac rgy Smart turn ss power com ". gy Smart mod transitioning energy usage dark scenes to	tivate the dyn ned on, the m npared to whe e, the energy from bright so bar will increa	onitor will n Energy usage bar cenes to ase when
Energy Smart	Energy Smart turne dimming. With Ener consume overall le Smart is turned "off NOTE: Under Ener will decrease when darker scenes. The transitioning from o	ed "on" will ac rgy Smart turn ss power com ". gy Smart mod a transitioning energy usage	tivate the dyn ned on, the m npared to whe e, the energy from bright so bar will increa	onitor will n Energy usage bar cenes to ase when
Energy Smart USB	Energy Smart turne dimming. With Ener consume overall le Smart is turned "off NOTE: Under Ener will decrease when darker scenes. The	ed "on" will ac rgy Smart turn ss power com ". gy Smart mod transitioning energy usage dark scenes to System	tivate the dyn ned on, the m npared to whe e, the energy from bright so bar will increa	onitor will n Energy usage bar cenes to ase when s. Off Off
	Energy Smart turned dimming. With Ener consume overall le Smart is turned "off NOTE: Under Ener will decrease when darker scenes. The transitioning from of <u>Monitor status</u> Monitor with upstream	ed "on" will ac rgy Smart turn ss power com f". gy Smart mod transitioning energy usage dark scenes to <u>System</u> On On	tivate the dyn ned on, the m npared to whe e, the energy from bright so bar will incre- bright scene: Standby On	onitor will n Energy usage bar cenes to ase when s. Off
	Energy Smart turned dimming. With Ener consume overall le Smart is turned "off NOTE: Under Ener will decrease when darker scenes. The transitioning from of <u>Monitor status</u> Monitor with upstream connected Monitor without upstream	ed "on" will ac rgy Smart turn ss power com ". gy Smart mod transitioning energy usage dark scenes to System On (Disabled) On	tivate the dyn ned on, the ma pared to whe e, the energy from bright sc bar will increa- bright scenes Standby On (Disabled) Off/On* (depends on OSD selections)	onitor will n Energy usage bar cenes to ase when s. Off (Disabled Off

Image: Dell E2014TEnergy Use InfinitionImage: Dell E2014TImage: Dell	Menu and Submenus	Description				
LanguageSet the OSD display to one of eight languages. English, Espanol, Francais, Deutsch, Brazilian Portugu Russian, Simplified Chinese, or Japanese.TransparencyThis function is used to change the OSD background opaque to transparent.TimerOSD Hold Time: Sets the length of time the OSD rem active after you press a button. Use the I and I buttons to adjust the slider in 1-second increments, from 5 to 60 seconds.LockNOTE: Lock function – Either soft lock (through OSD menu) or hard lock (Press and hold the button above power button for 10 sec)		Dell E2014T	Transparency Timer Lock	> > >	English 20 20s	
LanguageEnglish, Espanol, Francais, Deutsch, Brazilian Portugu Russian, Simplified Chinese, or Japanese.TransparencyThis function is used to change the OSD background opaque to transparent.TimerOSD Hold Time: Sets the length of time the OSD rem active after you press a button. Use the A and buttons to adjust the slider in 1-second increments, from 5 to 60 seconds.LockNOTE: Lock function – Either soft lock (through OSD menu) or hard lock (Press and hold the button above power button for 10 sec)		Resolution: 1600x900, 6	60Hz		×	
TransparencyThis function is used to change the OSD background opaque to transparent.TimerOSD Hold Time: Sets the length of time the OSD rem active after you press a button. Use the and buttons to adjust the slider in 1-second increments, from 5 to 60 seconds.LockNOTE: Lock function – Either soft lock (through OSD menu) or hard lock (Press and hold the button above power button for 10 sec)	Language	English, Espanol	, Francais, De	eutsch,	Brazilian Portugue	ese
Timer active after you press a button. Use the ▲ and ▲ buttons to adjust the slider in 1-second increments, from 5 to 60 seconds. Controls user access to adjustments. When Lock is selected, no user adjustments are allowed. All buttons locked. NOTE: Lock function – Either soft lock (through OSD menu) or hard lock (Press and hold the button above power button for 10 sec) Unlock function – Only hard unlock (Press and hold to button above power button for 10 sec)	Transparency			ige the	OSD background	fro
Use the ▲ and ▲ buttons to adjust the slider in 1-second increments, from 5 to 60 seconds. Controls user access to adjustments. When Lock is selected, no user adjustments are allowed. All buttons locked. NOTE: Lock function – Either soft lock (through OSD menu) or hard lock (Press and hold the button above power button for 10 sec) Unlock function – Only hard unlock (Press and hold the button above power button for 10 sec)	Timer			•	time the OSD rema	ains
Lock Selected, no user adjustments are allowed. All buttons locked. NOTE: Lock function – Either soft lock (through OSD menu) or hard lock (Press and hold the button above power button for 10 sec) Unlock function – Only hard unlock (Press and hold to button above power button for 10 sec)	limer					
LOCK menu) or hard lock (Press and hold the button above power button for 10 sec) Unlock function – Only hard unlock (Press and hold t button above power button for 10 sec)		selected, no use				are
	Lock	menu) or hard lo power button fo Unlock function	ock (Press an or 10 sec) – Only hard	d hold unloc	the button above k (Press and hold th	he
	Reset Menu Settings	•				

Menu and Submenus Description



Other Settings

Dell E2014T Energy Use - D- Brightness / Contrast DDC/CI D Enable Disable + Auto Adjust LCD Conditioning D Input Source **Reset Other Settings** Color Settings Factory Reset Reset All Settings Display Settings V Energy Settings Menu Settings Other Settings Personalize Resolution: 1600x900, 60Hz

Select this option to adjust the OSD settings, such as the DDC/CI, LCD Conditioning, and so on.



DDC/CI

DDC/CI (Display Data Channel/Command Interface) allows you to adjust the monitor settings using software on your computer. Enable this feature for best user experience and optimum performance of your monitor. Select Disable to turn off this feature.



Helps reduce minor cases of image retention. Depending on the degree of image retention, the program may take some time to run. Select Enable to start the process.

Menu and Submenus	Description				
Reset Other Settings	Restores other settings, such as such as DDC/CI, to factory defaults.				
Factory Reset	Restores all OSD settings to the factory defaults.				
	Dell E2014T · · · · · · · · · · · · · · · · · · ·	Shortcut Key 1 Shortcut Key 2 Reset Personalization	Energy Use IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		
* Personalize	□ Display Settings ♥ Energy Settings ■ Menu Settings ➡ Other Settings ★ Personalize		Aspect Raito		
	Resolution: 1600x900, 6 Select from Pres	et Modes, Brig	htness/Contrast, Au		
Reset Personalization	Restores shortcut keys to factory defaults.				

OSD Warning Messages

When the monitor does not support a display resolution, the following message appears:



This means that the monitor cannot synchronize with the signal that it is receiving from the computer. See Specifications for the frequency ranges addressable by this monitor. Recommended mode is 1600 x 900.

The following message before the DDC/CI function is disabled.



The following message is displayed when monitor enters Power Save mode.



Activate the computer and wake up the monitor to gain access to the OSD If you press any button other than the power button, the following message appears:



If you set the input to a particular mode but the cable for that mode (VGA, DP, or HDMI) is disconnected, one of the following messages appears, depending on the selected input.



or



or



For help on resolving errors, see Troubleshooting.

Setting the Maximum Resolution

In Windows Vista[®], Windows[®] 7 or Windows[®] 8:

- 1. For Windows[®] 8 only, select the Desktop tile to switch to classic desktop.
- 2. Right-click on the desktop and click Screen resolution.
- **3.** Click the dropdown list of the Screen resolution and select 1600 x 900.
- 4. Click OK.

If you do not see 1600 x 900 as an option, you may need to update your graphics driver. See <u>Appendix</u>.

Tilt

With the stand, you can tilt the monitor for the most comfortable viewing angle.



NOTE: The stand is detached when the monitor is shipped from the factory.

Troubleshooting

CAUTION: Follow the <u>Safety Instructions</u> before you perform any of the procedures in this section,

Self-Test

Your monitor provides a self-test feature that allows you to check whether your monitor is functioning properly. If your monitor and computer are properly connected but the monitor screen remains dark, run the monitor self-test by performing the following steps:

- 1. Turn off both your computer and the monitor.
- 2. Unplug all video cables from the back of computer.
- **3.** Turn on the monitor.

The floating dialog box appears on the screen (against a black background) if the monitor cannot sense a video signal and is working correctly. While in self-test mode, the power LED remains blue. depending upon the selected input, one of the following messages continuously scroll through the screen.


NOTE: This message also appears during normal operation if the display cable gets disconnected or damaged.

4. Turn off your monitor and reconnect the video cable; then turn on both your computer and the monitor.

If your monitor screen remains blank after you use the self test, check your video controller and computer, it shows monitor has a problem.

Built-in Diagnostics

Your monitor has a built-in diagnostic tool that helps you determine if the problems with your monitor, or with your computer and video card.



NOTE: You can run the built-in diagnostics only when no display cables are connected and the monitor is in self-test mode.



To run the built-in diagnostics:

- 1. Make sure that the screen is clean
- **2.** Unplug the video cable(s) from the computer or monitor. The monitor enters the self-test mode.
- **3.** Press and hold button 1 and Button 4 simultaneously for 2 seconds. A gray screen appears.
- 4. Carefully inspect the screen for abnormalities.
- 5. Press button 4 again. The color of the screen changes to red.
- 6. Inspect the display for any abnormalities.
- **7.** Repeat step 5 and step 6 to inspect the display in green, blue, black, white, and text screens.

The test is complete when the text-screen appears. To exit, press button 4 again. If you do not see any screen abnormalities while running the built-in diagnostic, the monitor is functioning properly. Check the computer and video card for problems.

Common Problems

The following table contains information about resolving common monitor problems.

Common Symptoms	What You Experience	Possible Solutions
		 Make sure the display cable connecting the monitor and the computer is properly connected and secure.
No Video	No picture	 Make sure the power outlet is functioning properly using any other electrical equipment.
(Power light off)	No picture	• Make sure the power button is not pressed-in.
		 Make sure the correct input source is selected using the Input Source Select button.
		 Check the Power Button LED option under Energy Settings in OSD Menu.
		 Increase brightness and contrast using OSD.
		 Perform monitor self-test.
No Video (Power light on)	No picture or no brightness	 Check for bent or broken pins on the display cable and the ports.
(Power light on)	no brightness	 Run the built-in diagnostics.
		• Make sure the correct input source is selected using the Input Source Select button.
		Perform Auto Adjust using OSD.
	Picture is	Adjust the Phase and Pixel Clock using OSD.
Poor Focus	fuzzy, blurry, or	 Eliminate video extension cables.
1 001 1 0003	ghosting	 Reset the monitor to factory settings.
	<u></u>	 Change the video resolution to the correct aspect ratio (16:9).
		Perform Auto Adjust using OSD.
		Adjust the Phase and Pixel Clock using OSD.
Shaky/Jittery	Wavy picture or	 Reset the monitor to factory settings.
Video	fine movement	 Check environmental factors.
		 Relocate the monitor and test in another room.
Missing Pixels Stuck-on Pixels	LCD screen has spots	 Turn off the monitor, disconnect and reconnect the power cable, and turn on the monitor. Pixel that is permanently off is a natural defect that can occur in LCD technology. For more information on Dell Monitor Quality and Pixel Policy, see Dell support site at <u>dell.</u> com/support/monitors.

Common Symptoms	What You Experience	Possible Solutions
Brightness Problems	Picture too dim or too bright	 Reset the monitor to factory settings. Auto Adjust using OSD. Adjust brightness and contrast using the OSD
Geometric Distortion	Screen not centered correctly	 Reset the monitor to factory settings. Auto Adjust using OSD. Adjust horizontal and vertical positions using OSD.
Horizontal/ Vertical Lines	Screen has one or more lines	 Reset the monitor to factory settings. Perform Auto Adjust using OSD. Adjust Phase and Pixel Clock using OSD. Perform monitor self-test and determine if the lines appear in the self-test mode. Check for bent or broken pins on the display cable and the ports. Run the built-in diagnostics.
Synchronization Problems	Screen is scrambled or appears torn	 Reset the monitor to factory settings. Perform Auto Adjust using OSD. Adjust Phase and Pixel Clock using OSD. Perform monitor self-test check to determine if the problem appears in self-test mode. Check for bent or broken pins on the display cable and the ports. Restart the computer in safe mode.
Intermittent Problems	Monitor malfunctions on and off	 Make sure the display cable connecting the monitor to the computer is connected properly and is secure. Reset the monitor to factory settings. Perform monitor self-test to determine if the intermittent problem occurs in self-test mode.
Missing Color	Picture missing color	 Perform monitor self-test. Make sure the display cable connecting the monitor to the computer is connected properly and is secure. Check for bent or broken pins on the display cable and the ports.

Common Symptoms	What You Experience	Possible Solutions
		• Change the Color Setting Mode in the Color Settings OSD to Graphics or Video depending on the application.
Wrong Color	Picture color not good	 Try different Color Preset Settings in Color Settings OSD. Adjust R/G/B value in Color Settings OSD if the Color Management is turned off.
		• Change the Input Color Format to PC RGB or YPbPr in the Advance Setting OSD.
		Run the built-in diagnostics.
Image retention from a static image left on the monitor for a long period of	Faint shadow from the static image displayed appears on the	• Use the Power Management feature to turn off the monitor at all times when not in use (for more information, see Power Management Modes).
time	screen	 Use a dynamically changing screen saver.
Safety Related Issues	Visible signs of smoke or sparks	Do not perform any troubleshooting steps. Contact Dell immediately.

Specific Symptoms	What You Experience	Possible Solutions
		• Use the Dell provided USB cable to connect your computer.
		• Make sure the power cable has a ground pin.
		• Unplug and replug the power cable from the power adapter to allow auto-recalibration of the touch module.
		• Make sure computer support USB 2.0 or later
Touch report error	Touch function miss alignment or no touch function	 If the display cannot be detected by the computer, power off/on the monitor or unplug and replug the USB cable. Wipe softly to clean the dust on the six senso lens with soft and clean cloth when touch function miss alignment or no touch functior
		sensor
Touch screen non-responsive in power-save mode	Cannot wake up monitor and computer by using touch in power-save mode	 Access Device Manager, expand HID Interface Device under Human Device. Right click HID- compliant device, click Properties and select the check-box to allow the device to wake the computer.
Windows 7 and Windows 8 Calibration	Cursor does not accurately follow your finger when you touch the screen	 Open Control Panel, open Hardware and Sound, and then open Tablet PC Settings. Select Calibration. Follow the instructions to recalibrate your screen

Touchscreen Problems

NOTE: When the monitor is in Sleep mode, move the mouse, press any key on the keyboard, or double-tap firmly on the screen to wake up the monitor.

Product Specific Problems

Specific Symptoms	What You Experience	Possible Solutions
Screen image is too small	Image is centered on screen, but does not fill entire viewing area	 Check the aspect ratio in Image Setting OSD menu Reset the monitor to factory settings.
Cannot adjust the monitor settings using the buttons on the front panel	OSD does not appear on the screen	Turn off the monitor, disconnect and reconnect the power cable, and turn on the monitor.
No input signal when controls are pressed	No picture, the light is white.	 Check the signal source. Make sure the computer is not in power saving mode, by moving the mouse or pressing a key on the keyboard. Make sure your computer or other video-output device is powered on and playing video media. Make sure the display cable connecting the monitor to the computer is connected properly and is secure. Unplug and replug the display cable. Restart the computer or video player.
The picture does not fill the entire screen.	The picture cannot fill the height or width of the screen	 Due to different video formats and aspect ratios of DVDs, the monitor may not display the video in full screen. Run the built-in diagnostics.

Specific Symptoms	What You Experience	Possible Solutions
	USB	• Make sure your monitor is turned on.
		• Disconnect and reconnect the upstream cable to your computer.
USB interface		• Disconnect and reconnect the USB peripherals (downstream connector).
is not working	peripherals are not working	 Turn off and turn on the monitor.
		Reboot the computer.
		• Some USB devices require higher electric current; connect the device directly to the computer system.
		 Check that your computer is USB 2.0-compliant.
High Speed	High Speed USB 2.0 peripherals working slowly or not working at all	• Some computers have USB 2.0 ports. Ensure that the correct USB port is used.
USB 2.0 interface is slow.		• Disconnect and reconnect the upstream cable to your computer.
51077.		• Reconnect the USB peripherals (downstream connector).
		Restart the computer.

Universal Serial Bus (USB) Specific Problems

Appendix

Safety Instructions

MARNING: Use of controls, adjustments, or procedures other than those specified in this documentation may result in exposure to shock, electrical hazards, and/or mechanical hazards.

For information on safety instructions, see the Product Information Guide.

FCC Notices (U.S. only) and Other Regulatory Information

For FCC notices and other regulatory information, see the regulatory compliance website located at dell.com/regulatory_compliance.

Contacting Dell



NOTE: If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer service issues.

- 1. Go to dell.com/support.
- 2. Verify your country or region on the top-left of the page.
- 3 Click Contact Us.
- 4. Click the appropriate service or support link based on your need.

Setting Display Resolution to 1600 x 900 (maximum)

For maximum display performance while using the Microsoft Windows operating systems, set the display resolution to 1600 x 900 pixels by performing the following steps:

Windows XP

- 1. Right-click on the desktop and click Properties.
- 2. Select the Settings tab.
- **3.** Move the slider-bar to the right by pressing and holding the left-mouse button and adjust the screen resolution to 1600 x 900.
- 4. Click OK.

Windows Vista, Windows 7, or Windows 8

- 1. Right-click on the desktop and click Personalization.
- 2. Click Change Display Settings.
- **3.** Move the slider-bar to the right by pressing and holding the left-mouse button and adjust the screen resolution to 1600 x 900.
- 4. Click OK.

Downloading Latest Video Drivers

Dell computer

- **1.** Go to dell.com/support, enter the Service Tag of your computer, and download the latest driver for your video card.
- **2.** After installing the drivers, try setting the resolution to 1600 x 900 again.

If you are unable to set the resolution to 1600 x 900 even after updating the video drivers, contact Dell technical support.

Non-Dell computer or video card

Windows XP

- 1. Right-click on the desktop and click Properties.
- 2. Select the Settings tab.
- 3. Select Advanced.
- **4.** Identify your video card manufacturer (such as NVIDIA, ATI, Intel, and so on) from the description at the top of the window.
- 5. See the computer or video-card manufacturer's website for updated drivers.

Windows Vista, Windows 7, or Windows 8

- 1. Right-click on the desktop and click Personalization.
- 2. Click Change Display Settings.

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- 3. Click Advanced Settings.
- **4.** Identify your video card manufacturer (such as NVIDIA, ATI, Intel, and so on) from the description at the top of the window.
- 5. See the computer or video-card manufacturer's website for updated drivers.

After installing the updated drivers for your video card, try setting the resolution to 1600×900 again. If you are unable to set the resolution to 1600×900 , contact the manufacturer of your computer or consider purchasing a graphics adapter that supports the resolution of 1600×900 .

Setting up Dual Monitors

Connect the external monitor(s) to your computer and follow any of the below setup method.

Using keyboard shortcut

- **1.** Press the Windows key+<P> on your keyboard.
- 2. While holding down the Windows logo key, press <P> to toggle between the display selections.

🎘 | + | P

Windows Vista and Windows 7



Windows 8



Using display settings

Windows Vista

1. Right-click on the desktop and click Personalize.



2. Click Display Settings.



3. Click Identify Monitors and select the appropriate options.



NOTE: If your computer does not detect the second monitor, restart your computer and repeat step 1 to step 3.

1. Right-click on the desktop and click Screen resolution.



2. Click Multiple displays to choose a display selection. If you do not see the additional monitor listed, click Detect.

	12	Detect Identify
Display:	2. Generic Non-PnP Monitor 💌	
Resolution:	1024 × 768 👻	
Orientation:	Landscape 👻	
Multiple displays:	Extend these displays 🔹	
🚹 You must selec	t Apply before making additional changes.	
Make this my m	ain display	Advanced settings
Connect to a proje	ctor (or press the 💐 key and tap P)	
Make text and othe	r items larger or smaller	
What display settin	gs should I choose?	

NOTE: If your computer does not detect the second monitor, restart your computer and repeat step 1 to step 3.

1. From the **Start** screen, select **Desktop** tile to switch to the classic Windows desktop.



2. Right-click on the desktop and click Screen resolution.



3. Click Multiple displays to choose a display selection. If you do not see the additional monitor listed, click Detect.

ē.	Screen Resolution	- O X
€Э ⊽ �[🛛 « Appearance and Personalization > Display > Screen Resolution 🗸 🖒 Search Control Pa	anel 🔎
	Change the appearance of your displays	
	Detect Identify	
	Display: 2, DELL E2014T V	
	Resolution: 1366 × 768 v	
	Orientation: Landscape V	
	Multiple displays: Extend these displays 🗸	
	A You must select Apply before making additional changes.	
	Make this my main display Advanced settings	
	Project to a second screen (or press the Windows logo key 🌉 + P)	
	Make text and other items larger or smaller What display settings should I choose?	
	OK Cancel Apply	

NOTE: If your computer does not detect the second monitor, restart your computer and repeat step 1 to step 3.

Display Styles For Multiple Monitors

After connecting external monitors, you can choose to duplicate, extend, or use only one of the monitors.

Duplicate displays

This option shows the same content on all monitors. The resolution of all monitors is set to match the monitor with the minimum resolution.

Windows Vista

[DUPLICATE NOT AVAILABLE]

Windows 7

		Detect Identify
Display:	1. Mobile PC Display	
Resolution:	1024 × 768 👻	
Orientation:	Landscape 👻	
Multiple displays:	Extend these displays	
🚹 You must selec	Duplicate these displays Extend these displays phal changes	
Make this my m	Show desktop only on 1 Show desktop only on 2	Advanced settings
Connect to a projec	tor (or press the 💐 key and tap P)	
Make text and othe	ritems larger or smaller	

Windows 8

☆ Screen Resolution	V C Search Control Panel
Appearance and Personalization V Display V Screen Resolution	Search Control Parler
Change the appearance of your display	
	Detect Identify
Display: 1 2. Multiple Monitors V	
Resolution: 1366 × 768 ∨	
Orientation: Landscape ~	
Multiple displays: Duplicate these displays \vee	
 You must select Apply before making additional changes. 	
Make this my main display	Advanced settings
Project to a second screen (or press the Windows logo key 🚛 + P)	
Make text and other items larger or smaller	
What display settings should I choose?	
ОК	Cancel Apply

Extend displays

This option shows separate content on the selected monitors. The resolution of each monitor can be set independently. You can set the relative position of the displays. you can match the location of the screen relative to the physical placement of the monitors, such as left, right, top, bottom, and so on. To set the position, drag the monitor icons to the desired position.

Windows Vista

Monitor		
Drag the icons to match your monitors.		Identify Monitors
1	2	2
2. Generic PnP Monitor on ATI Radeon HE	0 4800 Seri	es 🔹
2. Generic PnP Monitor on ATI Radeon HE This is my main monitor	0 4800 Seri	es 🔹
This is my main monitor	0 4800 Seri	es 🔹
This is my main monitor Extend the desktop onto this monitor Resolution: Low -	0 4800 Seri High	
This is my main monitor Extend the desktop onto this monitor Resolution:		Colors:

Windows 7

Change the appearance of your displays

		Detect
Display:	1. Mobile PC Display	
Resolution:	1024 × 768 🛛 👻	
Orientation:	Landscape 👻	
Multiple displays:	Extend these displays	
🔥 You must selec	Duplicate these displays Extend these displays pnal changes.	
Make this my m	Show desktop only on 1	Advanced setting
Connect to a project	tor (or press the 🖉 key and tap P)	
Make text and othe	items larger or smaller	
	s should I choose?	

	Screen Resolution	×
€€⊽	🖉 « Appearance and Personalization + Display + Screen Resolution 🗸 🖒 Search Control Panel 🖇	2
	Change the appearance of your displays	
	Detect Identify	
	Display: 2, DELL E2014T V	
	Resolution: 1366 × 768 ∨	
	Orientation: Landscape V	
	Multiple displays: Extend these displays	
	You must select Apply before making additional changes.	
	Make this my main display Advanced settings	
	Project to a second screen (or press the Windows logo key 🚛 + P) Make text and other items larger or smaller What display settings should I choose?	
	OK Cancel Apply	

Show desktop only on...

This option allows you to select the monitor to display content. You can choose to use any one of the monitors connected to your computer—or in case of laptop, the built-in display or the external display. This option is generally used when a laptop with a lower-resolution display is connected to a higher-resolution external display and you want to see the content only on the external monitor.

Windows Vista

😴 Display Settings		Settings	
Monitor		Monitor	
Drag the icons to match your monitors.	Identify Monitors	Drag the icons to match your monitors.	Identify Monitors
1. Generic PnP Monitor on ATI Radeon HD 4800 S	2	2. Generic PnP Monitor on ATI Radeon HD 4800	2 D Series
This is my main monitor Extend the desktop onto this monitor		This is my main monitor Extend the desktop onto this monitor	
Resolution:	Colors:	Resolution:	Colors:
Low U High	Highest (32 bit) 🔻	Low - Hig	gh Highest (32 bit) 🔻
1440 by 900 pixels		1024 by 768 pixels	
How do I get the best display?	Advanced Settings	How do I get the best display?	Advanced Settings
ОК	Cancel Apply	OK	Cancel Apply

Change the appearance of your displays

1024 × 768 -

Orientation: Landscape Multiple displays: Show desktop only on 2 Duplicate these displays Show desktop only on 1 Show desktop only on 1 Show desktop only on 2

Connect to a projector (or press the 💐 key and tap P) Make text and other items larger or smaller What display settings should I choose?

Resolution: Orientation:

Display:	1. Mobile PC Display 🔹	
Resolution:	1024 × 768 *	
Orientation:	Landscape 🔫	
Multiple displays:	Show desktop only on 1 💌	
🏦 You must selec	Duplicate these displays Extend these displays phal changes.	
Connect to a proje	Show desktop only on 2 ctor (or press the # key and tap P) er items larger or smaller	Advanced setting
Connect to a proje Make text and othe	Show desktop only on 2	Advanced setting
Connect to a proje Make text and othe	Now desktop only on 2 ctor (or press the 💐 key and tap P) er items larger or smaller	Advanced setting OK Cancel Apply
Connect to a proje Make text and othe	Now desktop only on 2 ctor (or press the 💐 key and tap P) er items larger or smaller	
Connect to a proje Make text and othe What display settin	Now desktop only on 2 ctor (or press the 💐 key and tap P) er items larger or smaller	
Connect to a proje Make text and othe What display settin	Show desktop only on 2 tor (or press the # key and tap P) r items larger or smaller ggs should I choose?	

pnal changes.

OK

Advanced settings

Cancel Apply

Change the ap	pearance of your displa	ys			
		2		Detect Identify	
Display: Resolution:	2, DELL E2014T ¥				
Orientation:	Landscape v				
	Show desides only on 1	nal changes.	A.	vanced settings	
Project to a second	(Show desktop only on 2 screen (or press the Windows r items larger or smaller gs should I choose?	logo key ## + P)			

	Screen Resolution		
🕆 👚 « Appearance and Pe	sonalization + Display + Screen Resolution	✓ C Search Control Panel	p
Change the app	earance of your displays		
		Detect	
		Identify	
Display:	DELL E2014T		
L L	366 × 768		
Orientation:	andscape ü		
	how desktop only on 2 👻		
🔔 You must select	uplicate these displays phal changes.		
	how desktop only on 1 how desktop only on 2	Advanced settings	
	rreen (or press the Windows logo key 🚛 + P)		
Make text and other	tems larger or smaller		
and a first state	should I choose?		