Acer FP855 User's Guide: Preface

Safety Instructions and maintenance: advises you important safety issues and maintenance.

Introduction: helps you check your pack and introduce the advantages of your new LCD Monitor.

CD Installation: advises you install the electric files of user's guide.

Setup: helps you install your monitor and other peripherals at ease.

Using the Monitor: helps you adjust all the settings to perfection.

Troubleshooting: offers you solutions when you encounter problems.

Specifications: offers you basic information of your monitor.

Fcc ID: JVPFP855

FEDERAL COMMUNCIATIONS COMMISSION (F.C.C.) STATEMENT

This equipment has been tested and found to comply with the limits of a Class Bdigital device. pursuant to part 15 of the FCC rulse. These limits are designed to provide reasonable protection against harmful interference in a residential. 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 gurrantee 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 one or more of the following measurers:

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

CAUTION : Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

NOTE : The use of a non-shielded interface cable with this equipment is prohibited.

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Acer FP855 User's Guide: Safety Instructions and Maintenance

Safety Instructions Maintenance

Safety Instructions

- Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a soft cloth to clean the monitor housing and a tape to stick dust and fingerprints on the screen panel.
- Slots and openings on the back or top of the cabinet are provided for ventilation. They must not be blocked or covered. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.
- This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
- Never push objects of any kind, or spill liquid of any kind into this product.
- Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltages or other risks. If any above mentioned misuse or other accident (dropping, mis-operations) occurs, contact qualified service personnel for servicing.
- The power supply cord serves as a power disconnect device for pluggable equipment. The socket outlet shall be installed near the equipment and shall be easily accessible.

Maintenance

- Do not expose the monitor to direct sunlight or heat.
- Do not spill liquid on the monitor.
- Do not attempt to open the monitor. You may be hurt by electric shock. For service, call your place of purchase.
- Do not use your monitor when magnets or electronic products are operating nearby.
- Do not use harsh chemicals or strong cleaning solvents to clean the monitor

screen. Wipe it with clean, soft clothes applied with mild solution.

- Do not place anything on your monitor. Bad ventilation may elevate temperature in the monitor.

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Acer FP855 User's Guide: Introduction

Unpacking **Features**

Unpacking

Check following items. If they are missing or damaged, consult your place of purchase immediately.

- LCD monitor with signal cable
- CD-ROM
- Acer FP855 quick guide
- Power cord
- Audio input cable
- Microphone cable

Optional items:

- USB hub
- USB cable

Features

Your Acer FP855 has the following features:

- **Power Saving Function**

  The power management complies with VESA DPMS standard. When the system is idle (off mode), the monitor automatically cuts its power consumption to less than 5W.

- **Plug'n Play Compatibility**

  With its DDCI™ and DDC2B™, it is compatible with Plug'n Play feature of Windows 95® and Windows 98®.

- **Space Saving**

  Compared with CRT monitors, the depth of your LCD monitor footprint is only 217mm, saving at least 50% of your desktop real estate.

- **Light Weight**

  Your monitor weights only 9.8Kg, almost 70% lighter than traditional 21" CRT monitors.

- **Lower Power Consumption**

  Compared to the maximum 150W power consumption of 21" CRT monitors, this monitor consumes only 65W (without USB) in operation(maximum).

- **iScreen© (Intelligent Screen) Technology**

  The On-Screen Display (OSD) allows you to adjust all settings simply with on-screen menus.

- **High Quality Ratiometric Expansion**

  With any kind of resolution, your FP855 monitor can always present full-screen viewing quality.

- **16M True Color**

  With dithering support, FP855 monitor enhances the visual effect and offers you a better resolution of image quality.

- **High Contrast**

  Compared to 200:1 contrast ratio in other LCD monitors, this model offers you 300:1 which has better viewing effect.

- **Higher Brightness**

  FP855 offers the brightness up to 235 cd/m^2.

- **Higher Resolution**

  FP855 provides you SXGA resolution (1280 x 1024) with perfect image quality.
- **Multimedia Support**

  With built-in speakers and microphone, you can enjoy the multimedia entertainment easily.

- **i-key Function**

  With auto adjustment function, i-key can automatically adjust Color Temperature, H-position, V-position, Pixel clock and Phase for you.

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Acer FP855 User's Guide: CD Installation

When you place this CD-ROM into your CD-ROM drive, the system will execute "monitor.htm" automatically. If you can't read it by Windows autorun, please open "monitor.htm" by your Internet browser or double click "monitor.htm" file.

- *If you don't have any Internet browser such as Microsoft Internet Explorer or Netscape Navigator, this CD-ROM provides you Microsoft Internet Explorer 5.0 for English Version.(Microsoft Internet Explorer is the product of Microsoft Corp., all rights reserved.)*
- *If there is any question, please e-mail us at apidisplaycsd@api.com.tw*

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Acer FP855 User's Guide: Setup

Installing the Monitor

Connecting the Microphone

Connecting the Speaker

Connecting the Earphone

Connecting the USB Devices

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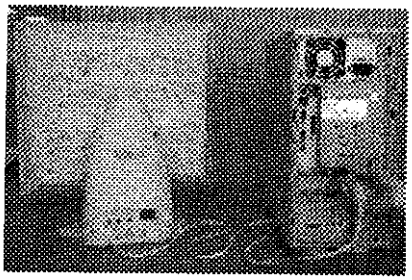
Back to Setup

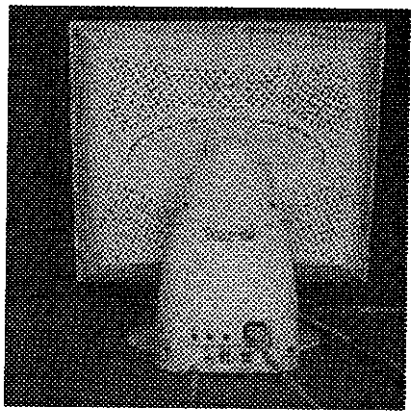
Acer FP855 User's Guide: Installing the Monitor

This monitor is equipped with an auto-sensing power supply for voltage ranges 100~240V AC, 50~60Hz.

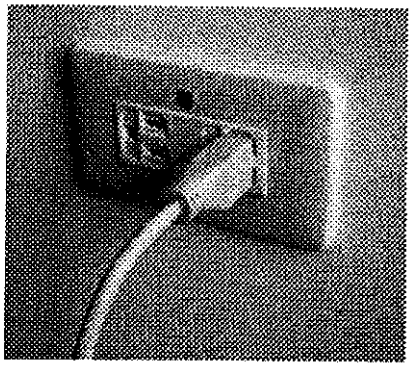
1. Make sure that the system power is turned off.
2. Plug the signal cable to the signal connector at the rear of PC.



3. Plug the end of power cord to the monitor.



4. Connect the other end of power cord to power source.



5. Turn on the computer and the monitor.

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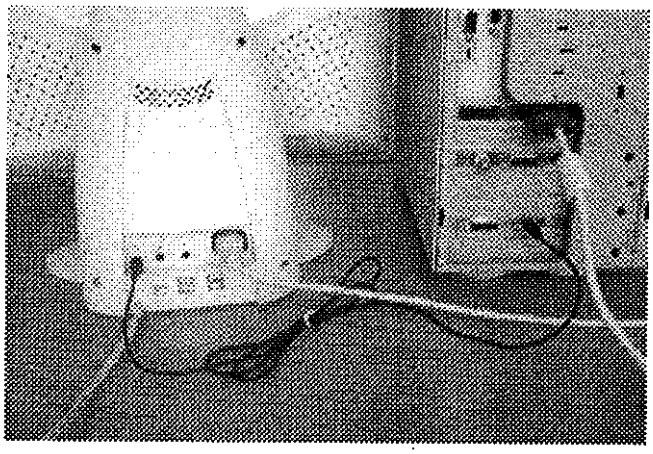
Acer FP855 User's Guide: Connecting the Microphone

After connecting the microphone, you can use recording programs to record or edit audio files.



1. Turn the system power off.
2. Plug one end of audio cable to MIC IN port at the rear of computer and the other end to the microphone connector.
3. Turn on the computer and the monitor.

To record, you don't need to get close to the microphone. Staying in usual operation position allows you to achieve perfect recording performance.

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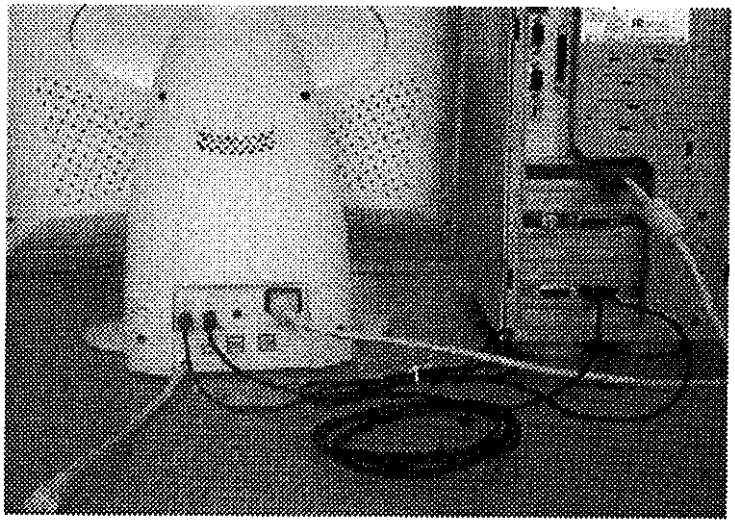
Acer FP855 User's Guide: Connecting the Speaker

This model is equipped with built-in speakers. After connecting the speaker, you can enjoy music easily.



1. Turn the system power off.
2. Plug one end of audio cable to the connector of your audio card at the rear of computer and the other end to the speaker port at the back of monitor.
3. Turn on the computer and the monitor.

To adjust the audio volume, use the volume control at the right side of your monitor.

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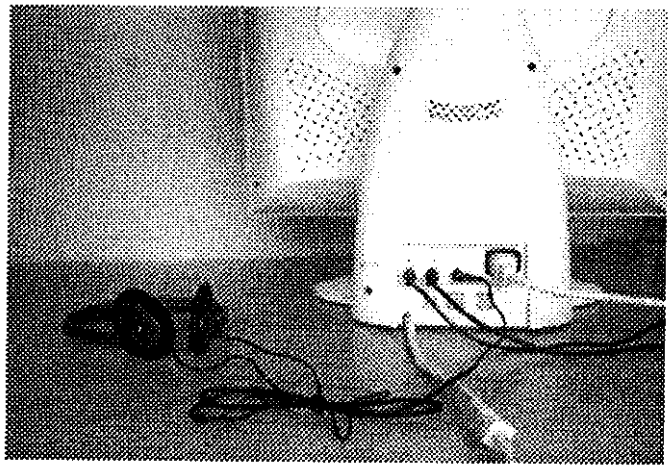
Acer FP855 User's Guide: Connecting the Earphone

Just one plug to the Earphone connector, you don't worry to disturb others while enjoying the audio entertainment.



Plug your earphone to the earphone connector at the rear of monitor. It is not necessary to turn the system power off while you install the earphone.

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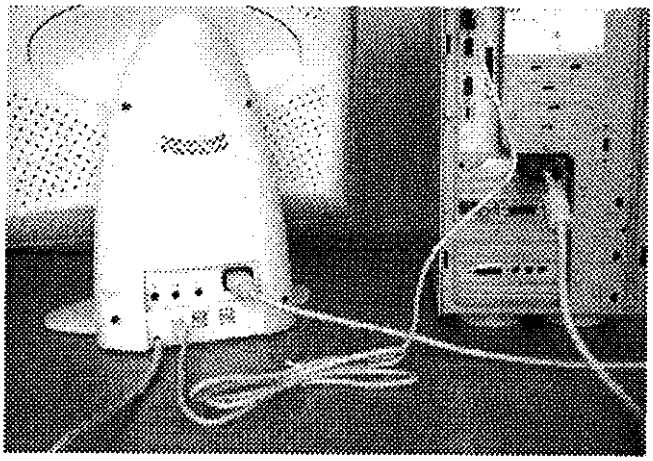
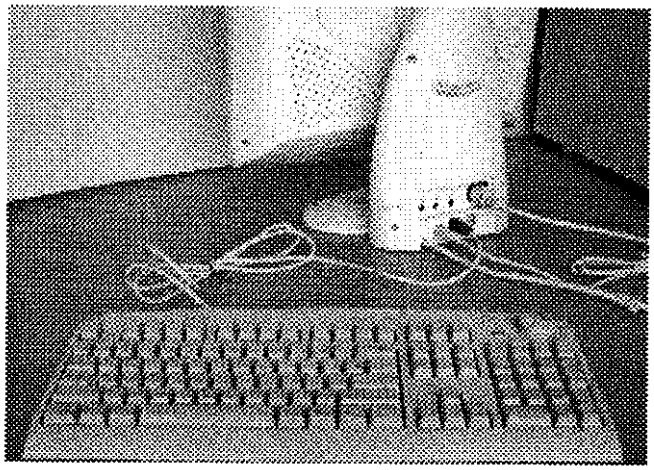
Acer FP855 User's Guide: Connecting the USB Devices

With its USB compliance, you can connect any USB compliant device on one universal connector. Up to four devices can be connected to the USB connectors.





1. Turn the system power off.
2. Connect the USB cable to the computer and the USB up port at the rear of monitor.
3. Connect the USB cable supplied with other peripherals to USB connectors and your peripherals.
4. Turn on the computer and the monitor.

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Acer FP855 User's Guide: Using the Monitor

Graphics Hot Key Modes Main Menu Modes Supported Timings

Graphics

Front View

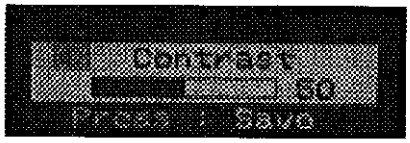
Side View

Back View

Hot Key Modes

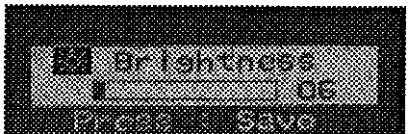
Contrast hot-key mode

1. Rotate the fly wheel upward; the Contrst hot-key OSD will pop up.
2. Rotate the fly wheel upward to increase the contrast value or downward to decrease the contrast value.
3. Press the fly wheel to save the setting you have made.



Brightness hot-key mode

1. Rotate the fly wheel downward; the Brightness hot-key OSD will pop up.
2. Rotate the fly wheel upward to increase the brightness value or downward to decrease the brightness value.
3. Press the fly wheel to save the setting you have made.



Main Menu Modes

Grouped by functions, the OSD offers 6 major functions in main menu for making adjustments: Luminance, Geometry, Color Adjustment, Recall, Miscellaneous and Return.

1. Press the fly wheel, the main menu will pop up.
2. Rotate the fly wheel downward or upward to locate the function you desire to change. After selecting the function, press the fly wheel to go into the sub-menu.
3. Rotate the fly wheel downward or upward to locate the function item, then press the fly wheel and rotate the wheel again to make the adjustment. Rotate the wheel downward will increase the value and upward decrease the value.
4. Press the fly wheel to save the adjustment you have made. The OSD will go back to last menu.
5. Rotate the fly wheel to Return icon and press to go back to main menu.

Supported Timings

Input display data					Multi-scan operation
Resolution	**H. Frequency (Khz)**	**V. Frequency (Hz)**	**Dot Clock Frequency (MHz)**	**Remark**	**Actual display resolution**
640 x 350	31.47	70.08	25.17	DOS	full screen 1280 x 1024
640 x 350	37.86	85.10	31.50	VESA	
640 x 400	31.47	70.08	28.32	DOS	
720 x 400	37.93	85.00	35.50	VESA	
640 x 480	35.00	67.00	30.24	Macintosh	
640 x 480	31.47	60.00	25.18	DOS	
640 x 480	37.86	72.80	31.50	VESA	
640 x 480	37.50	75.00	31.50	VESA	
640 x 480	43.27	85.00	36.00	VESA	
800 x 600	35.16	56.25	36.00	VESA	
800 x 600	37.88	60.32	40.00	VESA	
800 x 600	48.08	72.19	50.00	VESA	
800 x 600	46.87	75.00	49.50	VESA	
800 x 600	53.67	85.10	56.25	VESA	
832 x 624	49.72	74.55	57.29	Macintosh	
1024 x 768	48.36	60.00	65.00	VESA	
1024 x 768	56.48	70.10	75.00	VESA	
1024 x 768	60.02	75.00	78.75	VESA	
1024 x 768	35.52	86.95	44.96	Interlace	
1024 x 768	60.24	74.93	80.00	Macintosh	

1280 x 1024	64.00	60.00	108.00	VESA	
1280 x 1024	80.00	75.00	135.00	VESA	

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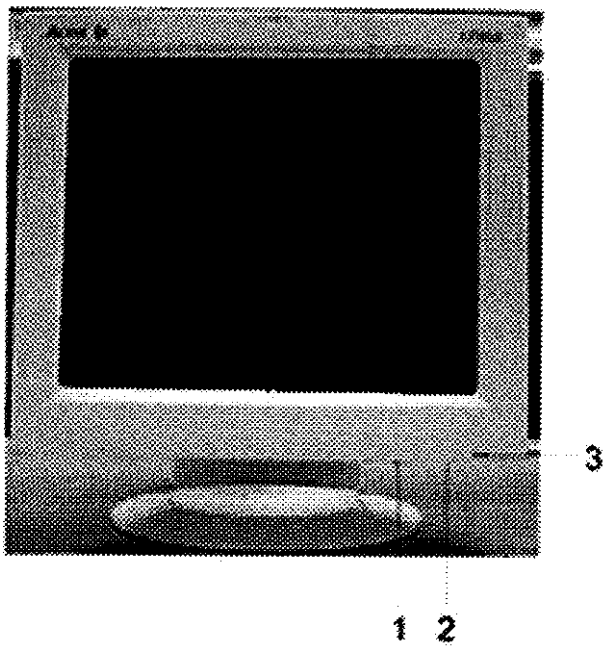
FP855 User's Guide: Front View



1. Power Switch **2. i key** **3. Power Indicator**

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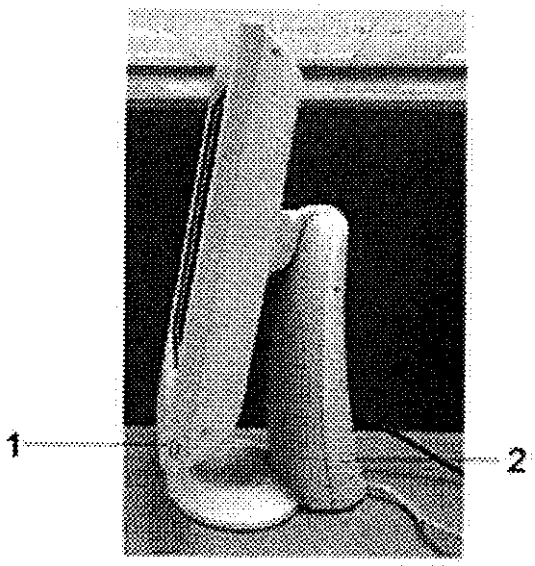
Acer FP855 User's Guide: Side View



1. Fly Wheel 2. Audio Volumn Control

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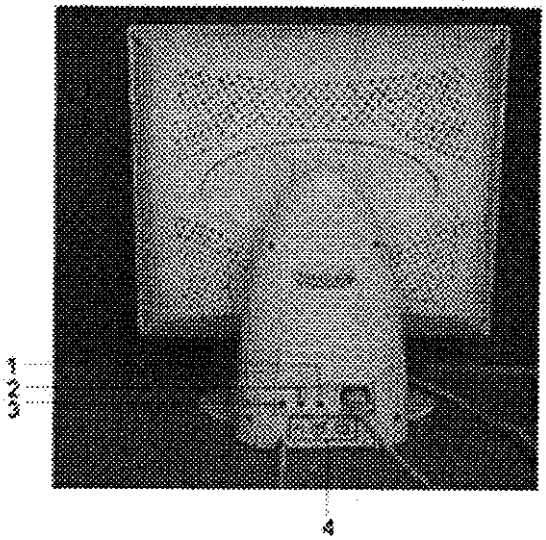
Acer FP855 User's Guide: Back View



1. Earphone Port
2. Speaker Port
3. Microphone Port
4. USB Hub

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Back to Using the Monitor

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Acer FP855 User's Guide: Troubleshooting

Make sure that your monitor is properly installed if you have encountered any trouble using this product.

Can't find Acer FP855 on the Windows 95® or Windows 98® monitor lists.

- You need to update the Windows 95® or Windows 98® setup information for your Acer FP855. You can download the updated file from the web site (http://www.acerperipherals.com.tw/products/md/service/index.htm).

There is no picture on the screen.

Check:

- Power saving mode. Press any key or move the mouse to deactivate the mode.
- Signal cable connector pins. If there are bent or missing pins, consult your place of purchase.

The picture is unstable.

Check:

- Signal cable connector pins. If there are bent or missing pins, consult your place of purchase.
- Graphics card. See if the settings are made properly.
- Scanning frequency. Change the settings of your graphics card to acceptable options.

Characters look too dark or too light.

- Adjust related settings.

The speakers don't work.

Check

- Audio cable. See if the audio cable is connected to PC's "LINE-OUT" port and monitor's speaker port.
- Volume control. Make sure that the volume control at the rear of monitor base is set to proper volume.

The microphone doesn't work.

Check

- Audio cable. See if the audio cable is connected to PC's "LINE-IN" port and monitor's microphone port.

There is noise from speakers when using the microphone.

- Set microphone item of volume control function in Windows 95® or Windows 98® to "MUTE".

Please adjust as following steps:

1. Double click the speaker icon in Windows 95® or 98® desktop.

2. In the volume control window set the microphone item to "MUTE".

i-key does not function properly and "unsupported" message shows.

- In some non-full-screen patterns, the i-key function couldn't work properly and an "unsupported" OSD will pop up. In this situation, you need to use the fly wheel to adjust your screen rather than i key.

Need More Help?

If your problems remain after checking this manual, please contact your place of purchase or e-mail us at: APIDisplayCSD@api.com.tw

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Acer FP855 User's Guide: Specifications

LCD Panel	18.1", TFT
Power Supply (Universal) Input voltage Power consumption	 100 ~ 240VAC, 50 ~ 60Hz 65W max. (without USB)
Max. Resolution	1280 x 1024 (SXGA)
Video Input	RGB input
User's Control	Power ON/OFF, OSD
Regulatory Compliance	UL, CSA, FCC, TÜV/GS, VCCI, CE, D.N.S.F., TÜV/Ergo, C-Tick, BCIQ, TCO99 (Optional)
Display Area	361mm (H) x 288.5 (V)
Ambient Temperature Operating Storage	 + 5°C ~ +40°C / +41°F ~ +104°F -20°C ~ +60°C / -4°F ~ +140°F
Humidity Operating Storage	 20% ~ 85% 10% ~ 85%
Dimensions (W x H x D)	457mm (W) x 468.5mm (H) x 217.4mm (D)
Weight (net)	9.8 Kg

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