



www.philips.com/welcome

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1. For Your Safety

Before operating the All-in-One PC, please read this manual thoroughly. This manual should be retained for future reference.

FCC Class B Radio Frequency Interference Statement

WARNING: (FOR FCC CERTIFIED MODELS)

NOTE:

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:

1. Reorient or 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.

NOTICE:

1. The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
2. Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits.

3. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. It is the responsibilities of the user to correct such interference.

WARNING:

To prevent fire or shock hazard, do not expose the LCD display to rain or moisture. Dangerously high voltages are present inside the LCD display. Do not open the cabinet. Refer servicing to qualified personnel only.

1.1 Precautions

- Do not use the All-in-One PC near water, e.g. near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool or in a wet basement.
- Do not place the All-in-One PC on an unstable cart, stand, or table. If the All-in-One PC falls, it can injure a person and cause serious damage to the appliance. Use only a cart or stand recommended by the manufacturer or sold with the All-in-One PC.
- Slots and openings in the back and bottom of the cabinet are provided for ventilation. To ensure reliable operation of the All-in-One PC and to protect it from overheating, be sure these openings are not blocked or covered. Do not place the All-in-One PC on a bed, sofa, rug, or similar surface. Do not place the All-in-One PC near or over a radiator or heat register. Do not place the All-in-One PC in a bookcase or cabinet unless proper ventilation is provided.
- The All-in-One PC should be operated only from the type of power source indicated on the label. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.

1. For your safety

- The All-in-One PC is equipped with a three-pronged grounded plug, a plug with a third (grounding) pin. This plug will fit only into a grounded power outlet as a safety feature. If your outlet does not accommodate the three-wire plug, have an electrician install the correct outlet, or use an adapter to ground the appliance safely. Do not defeat the safety purpose of the grounded plug.
- Unplug the unit during a lightening storm or when it will not be used for long period of time. This will protect the All-in-One PC from damage due to power surges.
- Do not overload power strips and extension cords. Overloading can result in fire or electric shock.
- Never push any object into the slot on the All-in-One PC cabinet. It could short circuit parts causing a fire or electric shock. Never spill liquids on the All-in-One PC.
- Do not attempt to service the All-in-One PC by yourself; opening or removing covers can expose you to dangerous voltages and other hazards. Please refer all servicing to qualified service personnel.
- The wall socket shall be installed near the equipment and shall be easily accessible.
- For use only with the attached power adapter (Output 19V DC) (only for LCD display with power adapter).

Model: ADPC1965

Manufacturer: TPV ELECTRONICS
(FUJIAN) CO., LTD.

Model: ADS-65LSI-19-1 19065G

Manufacturer: SHENZHEN HONOR
ELECTRONIC CO., LTD.

- When cleaning, make sure no detergent is leaked into the product. The cleaning cloth should not be too rough as it will scratch the LCD display surface.
- Please disconnect the power cord before cleaning the product.

1.3 Special notes on All-in-One PC

The following symptoms are normal with All-in-One PC and do not indicate a problem.

Note

- Due to the nature of the fluorescent light, the LCD display may flicker during initial use. Turn off the Power Switch and then turn it on again to make sure the flicker disappears.
- You may find slightly uneven brightness on the LCD display depending on the desktop pattern you use.
- The LCD display has effective pixels of 99.99% or more. It may include blemishes of 0.01% or less such as a missing pixel or a pixel lit all of the time.
- Due to the nature of the LCD display, an afterimage of the previous screen may remain after switching the image when the same image has been displayed for a long time. The All-in-One PC will slowly recover from this.
- When the LCD display becomes black or flashing, or cannot illuminate any more, contact your dealer or service center to replace parts. Don't repair the LCD display by yourself!

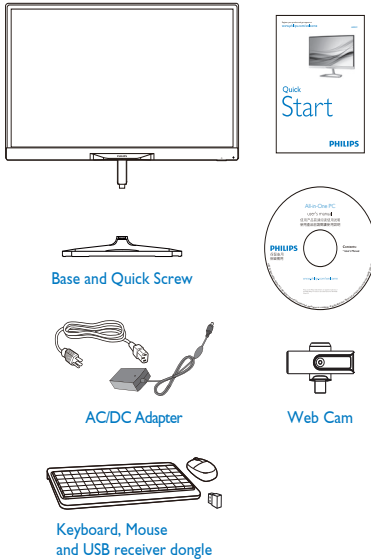
1.2 Cleaning

- Clean the cabinet regularly with cloth. You can use soft-detergent to wipe out the stain, instead of strong-detergent which will cauterize the product cabinet.

2. Setting up the All-in-One PC

2.1 Installation

1 Package contents



Note

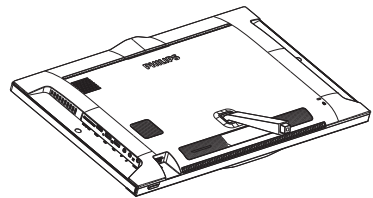
- Use only the AC/DC adapter provided by Philips.
- Do not install the All-in-One PC in a location near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, or excessive dust or mechanical vibration or shock.
- Save the original shipping carton and packing materials, as they will come in handy if you ever have to ship your LCD display.
- For maximum protection, repackage your LCD display as it was originally packed at the factory.
- Do not scratch the LCD display with sharp or hard objects, it may cause permanent damage.

- Don't leak liquid into LCD display which will result in the damage of component.
- To keep the All-in-One PC looking new, periodically clean it with a soft cloth. Stubborn stains may be removed with a cloth lightly dampened with a mild detergent solution. Never use strong solvents such as thinner, benzene, or abrasive cleaners, since these will damage the cabinet. As a safety precaution, always unplug the All-in-One PC before cleaning it.

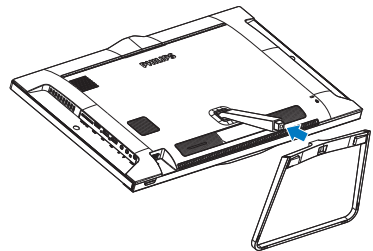
2 Attaching the base

Before you start attaching the base, please follow the instructions below to avoid any possible damage or injury.

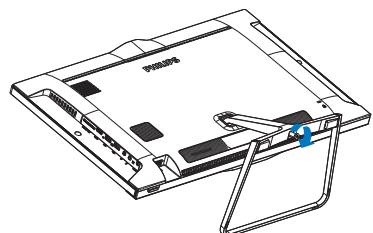
1. Place the LCD display face down on a smooth surface. Pay attention not to scratch or damage the LCD display.



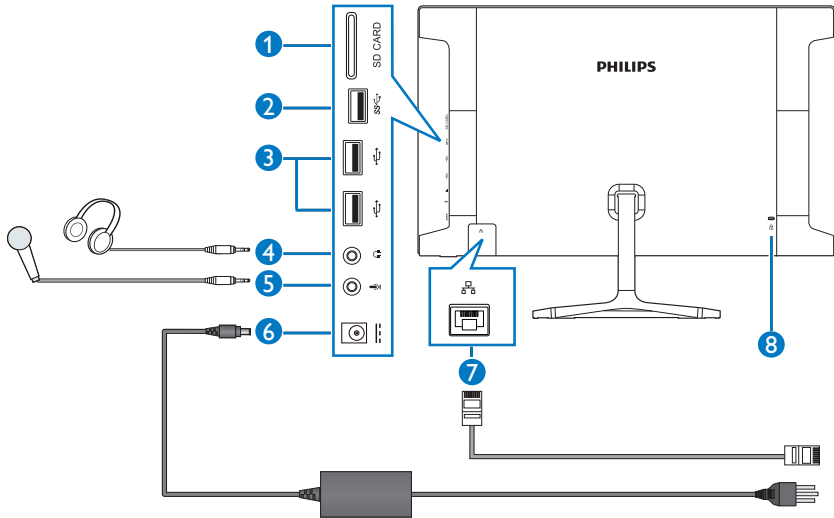
2. Align and assemble the base to the neck.



3. Tighten the screw into the bottom of the base.



3 Connection



- 1 SD Card Slot
- 2 USB 3.0
- 3 USB 2.0
- 4 Audio Output (3.5 mm Stereo)
- 5 Microphone Input (3.5 mm Stereo)
- 6 DC Power Input
- 7 LAN Port (RJ-45)
- 8 Kensington Anti-theft Lock

Insert your SD card to the card slot.

Connect to either WiFi or Ethernet for All-in-One PC input

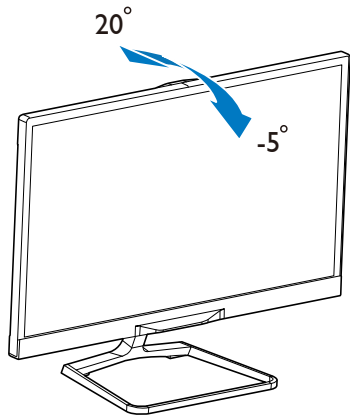
1. Connect RJ-45 LAN cable to your LAN port for wired connection.
2. Connect power cord to All-in-One PC firmly and press the power button on.

2.2 Operating the All-in-One PC

1 Adjusting viewing angle

For optimal viewing, it is recommended to look at the full face of the All-in-One PC, then adjust the All-in-One PC's angle to your own preference.

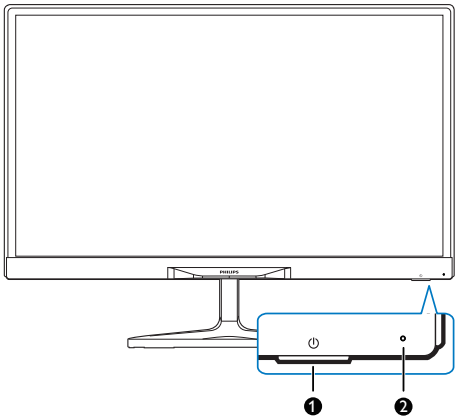
The All-in-One PC's tilted angle is adjustable from 5° frontward to 20° backward.



Note

- Do not touch the LCD display when you adjust the angle. It may cause damage or break the LCD display.
- Pay careful attention to the placement of your fingers and hands when adjusting the All-in-One LCD monitor. Injury may occur if you are not careful.
- For displaying with glossy bezels, please place the bezel away from direct reflecting lights or bright surfaces, as it may cause irritation to your eyes.

2 Front control

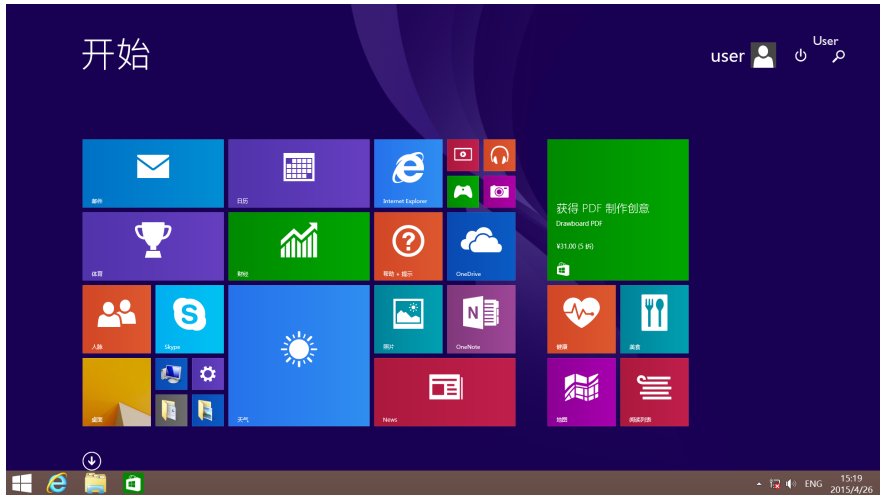


1		Press to turn All-in-One PC's power ON or OFF.
2		Power indicator

3. About Windows 8.1

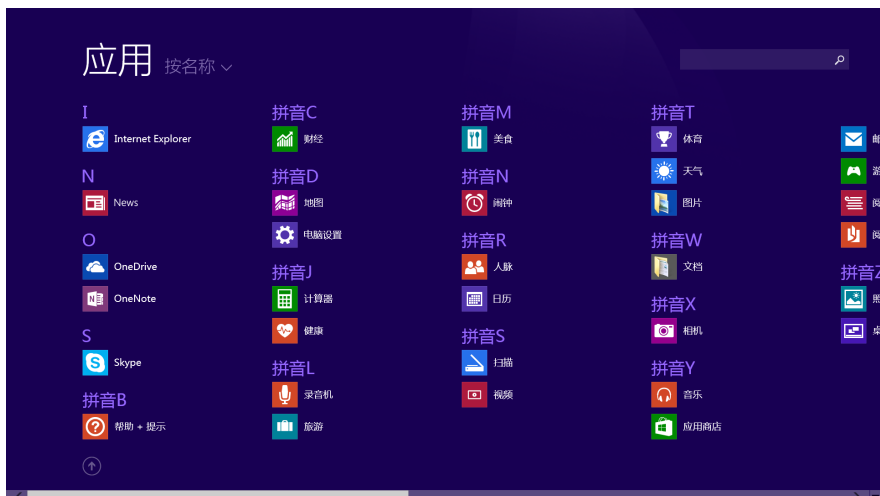
3.1 Start screen

The **Start** screen appears after successfully signing in to your user account. You can organize all the applications and desktop programs, and get to your favorite websites and files. The live tiles on **Start** screen can show new mails, app notifications, and the next appointment on your calendar at a glance.



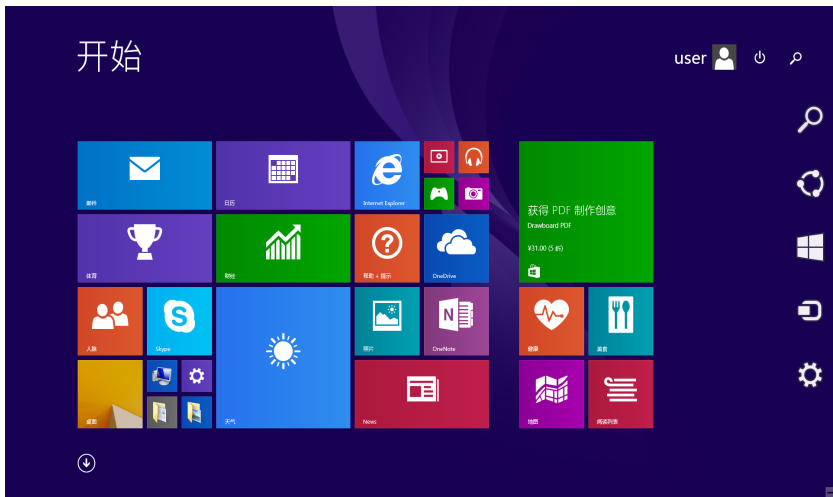
3.2 Apps

You can find all your applications and desktop programs in the **Apps** view.



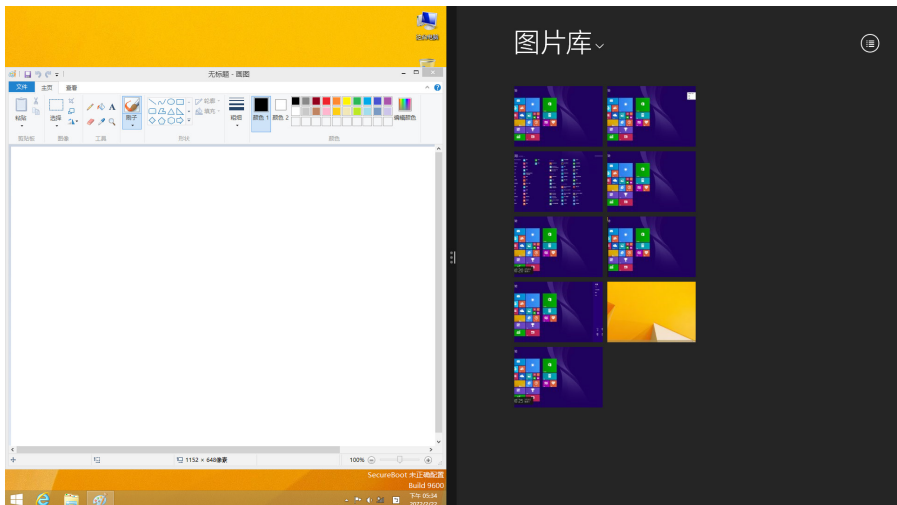
3.3 Charm bar

The **Charm** bar is a toolbar that can be triggered on the right side of your screen. It consists of several tools that provide quick access for setting, and allow you to work with your All-in-One PC more conveniently.



3.4 Snap feature

Snap feature displays two apps side-by-side, resize open windows, and allows you to switch and work between two apps.



Using Snap

1. Launch the app.
2. Hover the mouse point on the top side of your screen.
3. Once the pointer changes to a hand icon, drag then drop the app to the left or right side of your screen.
4. Launch another app.
5. You can resize two windows by dragging the snap bar where is in the middle of two windows.

3.5 Turn off

Turning your All-in-One PC off

1. Triggered to display the **Charm** bar.
2. Click , then click .
3. Choose [**Shut down**] to do a normal shutdown.

4. Technical Specifications

4.1 A222C6

Picture/Display	
LCD Panel Type	AH-IPS
Backlight Type	W-LED system
Panel Size	21.5 inch / 54.62 cm
Effective Viewing Area	476.064 (H) × 267.786 (V) mm
Aspect Ratio	16:9
Optimum Resolution	1920 × 1080 @ 60 Hz
Brightness (typ.)	250 cd/m ²
Viewing Angle (typ.)	178° (H) / 178° (V), @ C/R > 10
Display Colors	16.7 M
Operation system	
Windows	Free Dos, support Windows 8.X/7(64bit)
CPU	Intel® Pentium® Processor N3540 @2.16GHz
Sound	
Speaker (typ.)	2.0 W × 2
Video/Audio Playback	
Media Format	Follow Windows Media Codes / Windows Media Player
Storage Media	
Built-in memory capacity	4GB DDR-3L
External storage expansion	SDHC / SDXC / USB Flash
Connectivity	
USB connectors	1× USB 3.0 2× USB 2.0 1× USB 2.0 For Webcam
Signal Input	Ethernet connection
SD/MMC Card	SDHC Card Slot
Wireless LAN	Wireless LAN 802.11b/g/n
Bluetooth	Bluetooth 4.0
Audio In/Out	1× Headphone-out 1× Microphone-in
Convenience	
Camera	Support USB2.0 Webcam
Other Convenience	Kensington lock
LAN Speed	10/100/1000Mbps
RF Module M/N	RTL8723BE
Stand	
Tilt	5° frontward to 20° backward

4. Technical Specifications

Power	
On Mode	36,805 W (typ.), 62,435 W (max.)
Power Saving	0.568 W (typ.)
Off Mode	0.449 W (typ.)
Power LED Indicator	Operation - White, Standby mode- White (blinking)
Power Supply	Input: 100~240VAC, 50~60Hz Output: DC 19V
Dimensions	
Product with Stand	500 (W) × 380 (H) × 182 (D) mm
Product with Packaging	572 (W) × 433 (H) × 161 (D) mm
Weight	
Product with Stand	3.9 kg
Product with Packaging	6.305 kg
Operating conditions	
Temperature Range (operation)	0°C ~ 40°C
Temperature Range (storage)	-20°C ~ 60°C
Relative Humidity	20% ~ 80%
Sustainability	
Environmental and Energy	China RoHS, China WEEE
Recyclable Packaging Material	100 %
Compliance and standards	
Regulatory Approvals	SRRC
Cabinet	
Color	White
Finish	Glossy

4.2 A222C3

Picture/Display	
LCD Panel Type	AH-IPS
Backlight Type	W-LED system
Panel Size	21.5 inch / 54.62 cm
Effective Viewing Area	476.064 (H) x 267.786 (V) mm
Aspect Ratio	16:9
Optimum Resolution	1920 x 1080 @ 60 Hz
Brightness (typ.)	250 cd/m ²
Viewing Angle (typ.)	178° (H) / 178° (V), @ C/R > 10
Display Colors	16.7 M
Operation system	
Windows	Free Dos, support Windows 8.X/7(32&64bit)
CPU	Intel® Core™ i3-4030U Processor @1.90 GHz
Sound	
Speaker (typ.)	2.0 W x 2
Video/Audio Playback	
Media Format	Follow Windows Media Codes / Windows Media Player
Storage Media	
Built-in memory capacity	4GB DDR-3L
External storage expansion	SDHC / SDXC / USB Flash
Connectivity	
USB connectors	1x USB 3.0 2x USB 2.0 1x USB 2.0 For Webcam
Signal Input	Ethernet connection
SD/MMC Card	SDHC Card Slot
Wireless connections	Wireless LAN 802.11b/g/n
Bluetooth	Bluetooth 4.0
Audio In/Out	1x Headphone-out 1x Microphone-in
Convenience	
Camera	Support USB2.0 Webcam
Other Convenience	Kensington lock
LAN Speed	10/100/1000Mbps
RF Module M/N	RTL8723BE
Stand	
Tilt	5° frontward to 20° backward

4. Technical Specifications

Power	
On Mode	35.059 W (typ.), 61.390 W (max.)
Power Saving	0.92 W (typ.)
Off Mode	0.654 W (typ.)
Power LED Indicator	Operation - White, Standby mode- White (blinking)
Power Supply	Input: 100~240VAC, 50~60Hz Output: DC 19V
Dimensions	
Product with Stand	500 (W) × 380 (H) × 182 (D) mm
Product with Packaging	572 (W) × 433 (H) × 161 (D) mm
Weight	
Product with Stand	3.9 kg
Product with Packaging	6.305 kg
Operating conditions	
Temperature Range (operation)	0°C ~ 40°C
Temperature Range (storage)	-20°C ~ 60°C
Relative Humidity	20% ~ 80%
Sustainability	
Environmental and Energy	China RoHS, China WEEE
Recyclable Packaging Material	100 %
Compliance and standards	
Regulatory Approvals	SRRC
Cabinet	
Color	White
Finish	Glossy

4.3 Resolution & Preset PC Modes

1 Maximum Resolution

1920×1080@60Hz

2 Recommended Resolution

1920×1080@60Hz

Note

Please notice that your LCD display works best at native resolution of 1920×1080@60Hz. For best display quality, please follow this resolution recommendation.

5. Regulatory Information

China RoHS

根据中国大陆《电子电气产品有害物质限制使用标识要求》，以下部分列出了本产品中可能包含的有害物质的名称和含量。

零部件名称		有害物质					
		铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr 6+)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
塑料外框		○	○	○	○	○	○
后壳		○	○	○	○	○	○
LCD panel	CCFL	×	×	○	○	○	○
	LED	×	○	○	○	○	○
电路板组件*		×	○	○	○	○	○
底座		○	○	○	○	○	○
电源线		×	○	○	○	○	○
其他线材		×	○	○	○	○	○
*: 电路板组件包括印刷电路板及其构成的零部件，如电阻、电容、集成电路、连接器等。							

本表格依据SJ/T 11364 的规定编制。

○: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572规定的限量要求以下。

×: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求。

上表中打“×”的部件，应功能需要，部分有害物质含量超出GB/T 26572规定的限量要求，但符合欧盟RoHS法规要求（属于豁免部分）。

China WEEE

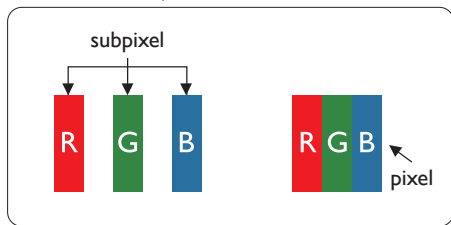
《废弃电器电子回收处理条例》提示性说明

为了更好地关爱及保护地球，当用户不再需要此产品或产品寿命终止时，请遵守国家废弃电器电子产品回收处理相关法律法规，将其交给当地具有国家认可的回收处理资质的厂商进行回收处理。

6. Customer care and warranty

6.1 Philips' Flat Panel Monitors Pixel Defect Policy

Philips strives to deliver the highest quality products. We use some of the industry's most advanced manufacturing processes and practice stringent quality control. However, pixel or sub pixel defects on the TFT Monitor panels used in flat panel monitors are sometimes unavoidable. No manufacturer can guarantee that all panels will be free from pixel defects, but Philips guarantees that any monitor with an unacceptable number of defects will be repaired or replaced under warranty. This notice explains the different types of pixel defects and defines acceptable defect levels for each type. In order to qualify for repair or replacement under warranty, the number of pixel defects on a TFT Monitor panel must exceed these acceptable levels. For example, no more than 0.0004% of the sub pixels on a monitor may be defective. Furthermore, Philips sets even higher quality standards for certain types or combinations of pixel defects that are more noticeable than others. This policy is valid worldwide.



Pixels and Sub pixels

A pixel, or picture element, is composed of three sub pixels in the primary colors of red, green and blue. Many pixels together form an image. When all sub pixels of a pixel are lit, the three colored sub pixels together appear as a single white pixel. When all are dark, the three colored sub pixels together appear as a single black pixel. Other combinations of lit and dark sub pixels appear as single pixels of other colors.

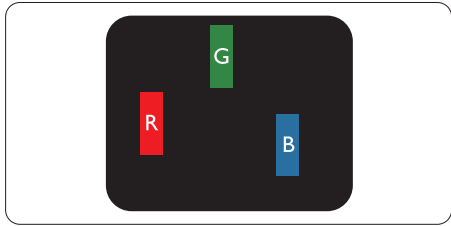
Types of Pixel Defects

Pixel and sub pixel defects appear on the LCD display in different ways. There are two categories of pixel defects and several types of sub pixel defects within each category.

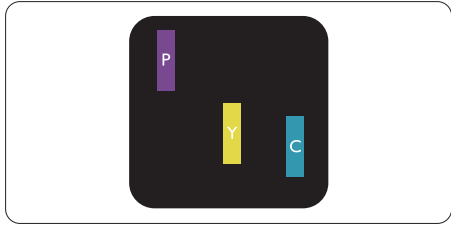
Bright Dot Defects

Bright dot defects appear as pixels or sub pixels that are always lit or 'on'. That is, a bright dot is a sub-pixel that stands out on the screen when the monitor displays a dark pattern. There are the types of bright dot defects.

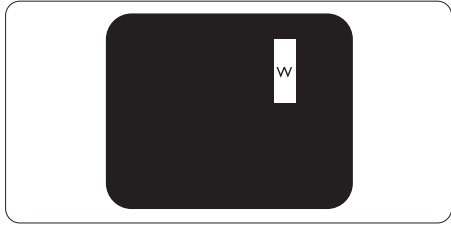
6. Customer care and warranty



One lit red, green or blue sub pixel.



Two adjacent lit sub pixels:
- Red + Blue = Purple
- Red + Green = Yellow
- Green + Blue = Cyan (Light Blue)

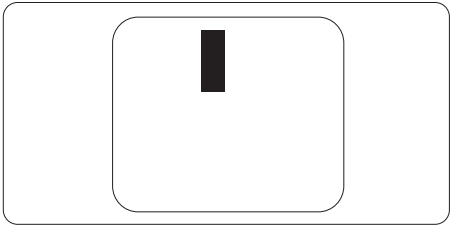


Three adjacent lit sub pixels (one white pixel).

 **Note**
A red or blue bright dot must be more than 50 percent brighter than neighboring dots while a green bright dot is 30 percent brighter than neighboring dots.

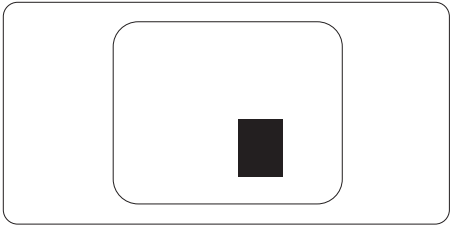
Black Dot Defects

Black dot defects appear as pixels or sub pixels that are always dark or 'off'. That is, a dark dot is a sub-pixel that stands out on the screen when the monitor displays a light pattern. These are the types of black dot defects.



Proximity of Pixel Defects

Because pixel and sub pixels defects of the same type that are near to one another may be more noticeable, Philips also specifies tolerances for the proximity of pixel defects.



Pixel Defect Tolerances

In order to qualify for repair or replacement due to pixel defects during the warranty period, a TFT Monitor panel in a Philips flat panel monitor must have pixel or sub pixel defects exceeding the tolerances listed in the following tables.

BRIGHT DOT DEFECTS	ACCEPTABLE LEVEL
1 lit subpixel	3
2 adjacent lit subpixels	1
3 adjacent lit subpixels (one white pixel)	0
Distance between two bright dot defects*	>15mm
Total bright dot defects of all types	3
BLACK DOT DEFECTS	ACCEPTABLE LEVEL
1 dark subpixel	5 or fewer
2 adjacent dark subpixels	2 or fewer
3 adjacent dark subpixels	0

6. Customer care and warranty

BLACK DOT DEFECTS	ACCEPTABLE LEVEL
Distance between two black dot defects*	>15mm
Total black dot defects of all types	5 or fewer
TOTAL DOT DEFECTS	ACCEPTABLE LEVEL
Total bright or black dot defects of all types	5 or fewer

 Note

1 or 2 adjacent sub pixel defects = 1 dot defect

6.2 Customer Care & Warranty

For warranty coverage information and additional support requirement valid for your region, please visit www.philips.com/support website for details. You may also contact your local Philips Customer Care Center number listed below.

Contact Information for China:

Country	Call Center	Consumer Care Number
China	PCCW Limited	4008 800 008

7. Troubleshooting & FAQs

7.1 Troubleshooting

This page deals with problems that can be corrected by a user. If the problem still persists after you have tried these solutions, contact Philips customer service representative.

1 Common Problems

No Picture

- Make sure the power cord is plugged into both the power outlet and the side of the All-in-One PC.
- The Energy Saving feature may be activated

Visible signs of smoke or sparks

- Do not perform any troubleshooting steps
- Disconnect the All-in-One PC from mains power source immediately for safety
- Contact with Philips customer service representative immediately.

2 Imaging Problems

Image appears distorted. Text is fuzzy or blurred.

- Set the PC's display resolution to the same mode as monitor's recommended screen native resolution.

Green, red, blue, dark, and white dots appears on the screen

- The remaining dots are normal characteristic of the liquid crystal used in today's technology. Please refer the pixel policy for more detail.

7.2 FAQs

Q1: What is the recommended refresh rate for All-in-One PC?

Ans.: Recommended refresh rate in All-in-One PC is 60Hz.

Q2: What are the .inf and .icm files on the CD-ROM? How do I install the drivers (.inf and .icm)?

Ans.: These are the driver files for your All-in-One PC. Follow the instructions in your user manual to install the drivers. Your computer may ask you for monitor drivers (.inf and .icm files) or a driver disk when you first install your All-in-One PC. Follow the instructions to insert the (companion CD-ROM) included in this package. Monitor drivers (.inf and .icm files) will be installed automatically.

Q3: How do I adjust the resolution?

Ans.: Your video card/graphic driver and monitor together determine the available resolutions. You can select the desired resolution under Windows® Control Panel with the "Display properties".

Q4: Is the LCD display resistant to scratches?

Ans.: In general it is recommended that the panel surface is not subjected to excessive shocks and is protected from sharp or blunt objects. When handling the LCD display, make sure that there is no pressure or force applied to the panel surface side. This may affect your warranty conditions.

Q5: How should I clean the LCD display surface?

Ans.: For normal cleaning, use a clean, soft cloth. For extensive cleaning, please use isopropyl alcohol. Do not use other solvents such as ethyl alcohol, ethanol, acetone, hexane, etc.

Q6: Why is my LCD display not showing sharp text, and is displaying jagged characters?

Ans.: Your All-in-One PC works best at its native resolution of 1920×1080@60Hz. For best display, please use this resolution.

Q7: Do I have to use any special Keyboard or mouse?

Ans.: General keyboard and mouse can be utilized on this All-in-One PC. Some special keys may not function as intended if the keyboard is intended for different operating system.

Q8: How can I connect to Internet when it's on the All-in-One PC mode?

Ans.: You can connect to Internet with built in Ethernet or WiFi.

Q9: Can I rotate my LCD display?

Ans.: No, you cannot rotate your LCD display. Its default and only mode is landscape mode.



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