

aceline

User Manual

Monitor
CF20N2

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Dear Customer,

Thank you for choosing our products.

We are pleased to offer you appliances and devices designed and manufactured to the highest standards of quality, functionality, and design. Before using the device, please read this manual carefully. It contains important information regarding your safety, as well as recommendations for the proper use and care of the product. Please keep this manual in a safe place and use it as a reference guide during future operation of the product.

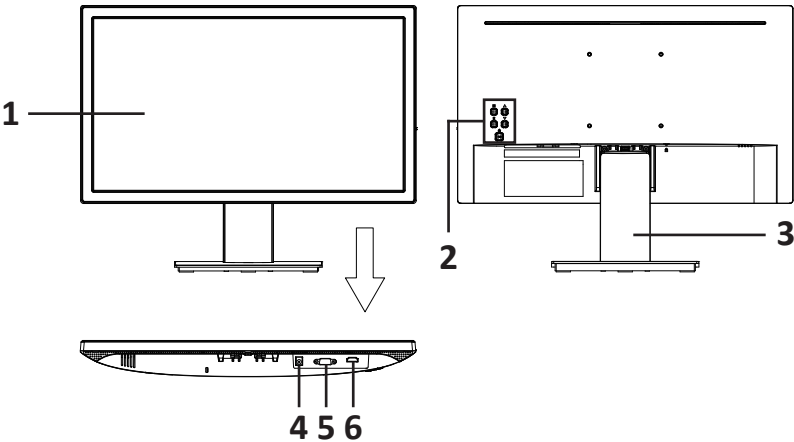
Intended Use

The monitor is designed to display information from a personal computer.

Safety Precautions

- Before plug in, make sure that the voltage of your home power source corresponds to the devices specifications.
- Place the device only on flat, stable surfaces; do not place it near the edge of a table.
- Avoid using the monitor near devices that generate magnetic fields (e.g., electric motors, televisions, etc.).
- Do not place heavy objects on the video cable or power cord, and protect them from physical damage (such as pinching, cutting, kinking, or twisting). Do not route the cables in areas where they may be accidentally tripped over or pulled by people or pets.
- Do not touch the device, plug, or power cord with wet hands.
- Position the monitor in a location that avoids reflections and glare on the screen.
- Do not disassemble the device yourself to avoid electric shock. This device contains no user-serviceable parts. Maintenance and repairs should only be performed by qualified technicians at an authorized service center.
- Do not block the ventilation openings on the back and bottom of the monitor or insert any objects into them.
- To avoid electric shock, do not expose the device to rain or moisture.
- Always disconnect the device from the power source before cleaning or during an extended period of non-use.
- Do not use this device after it has been dropped or if there is visible damage to the cable or the device itself. Contact an authorized service center.
- Do not use the device if visible damage is detected. Unplug it immediately and contact an authorized service center.
- If unusual sounds or odors occur, immediately unplug the monitor and contact an authorized service center.
- This device is not intended for commercial use.
- This device is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the device.

Device Diagram

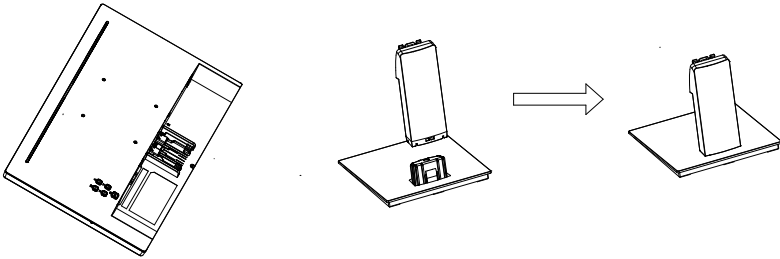


- 1. Screen.
- 2. Monitor control buttons.
- 3. Stand.
- 4. Power connector.
- 5. VGA connector.
- 6. HDMI connector.

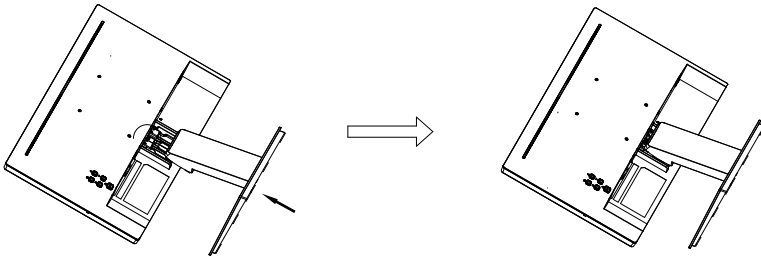
Assembly and Placement

Monitor Stand Assembly

1. Remove the monitor and all accessories from the packaging, and place it screen-down on a flat, soft, and stable surface. Take the stand and insert it into the base until it clicks into place, as shown in the image below.



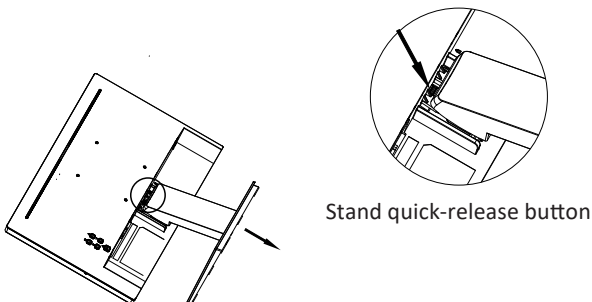
2. Align the mounting tabs on the stand with the slots of the special connector on the back of the monitor. Insert the stand into the connector and press until it clicks into place to secure it.



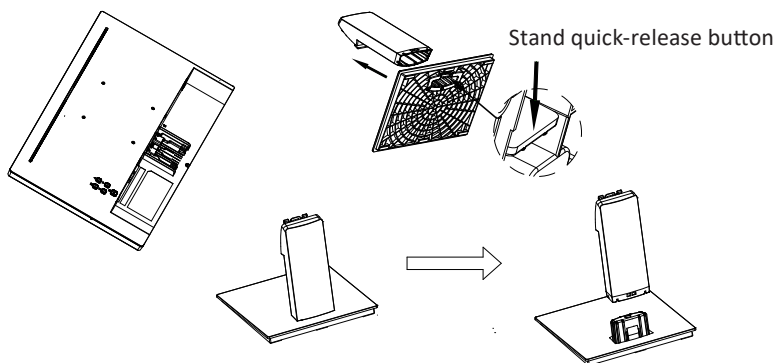
Assembly is complete.

Monitor Stand Disassembly

1. Place the monitor face down on a flat, soft surface. Then press the quick-release button on the stand, as shown in the illustration, and pull the stand to remove it.



2. Press the quick-release button at the bottom of the stand base, as shown in the figure below, and pull on the stand to detach it.

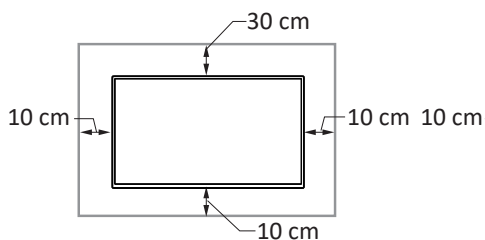


Monitor Placement

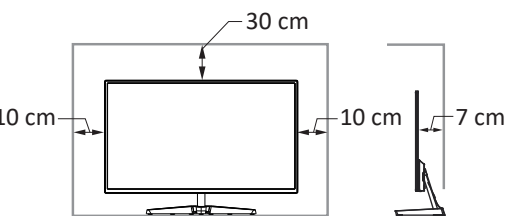
- Protect the device from direct sunlight.
- Install the monitor in well-ventilated areas
- Do not place heavy objects on top of the monitor.
- Install the monitor in a dry, dust-free location.
- Do not install the device near sources of magnetic fields (audio systems, televisions, etc.).

CAUTION: Do not use screws longer than 8 mm for wall mounting!

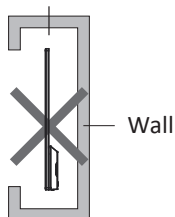
Monitor Wall Mounting



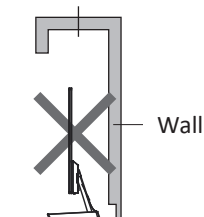
Monitor Stand Placement



Obstruction to air circulation



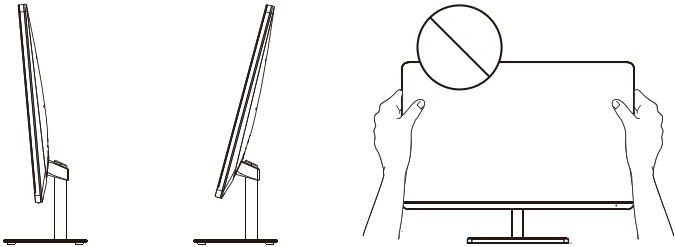
Obstruction to air circulation



Adjusting the Monitor Tilt Angle

You can adjust the monitor screen position by manually tilting it forward or backward, as shown in the illustration below. The forward tilt angle is $5\pm2^\circ$, and the backward tilt angle is 15° .

CAUTION: Do not touch the screen with your fingers or apply pressure to it while adjusting the tilt.



Operating Instructions

Connecting the Monitor

1. Make sure both devices (the monitor and the PC) are disconnected from the power source.
2. Connect the data cable connector (VGA or HDMI) to the corresponding port on the monitor, and the other end to the port on the computer's graphics card.
3. To connect the monitor to the power source, plug the power cable connector into the corresponding port on the monitor, then plug the cable into a wall outlet — the power indicator will light up.

Note: A flashing power indicator indicates that the monitor is in standby mode (power-saving mode).

Monitor Control Buttons

There are five control buttons on the rear of the monitor. The corresponding icons are marked above the buttons:

Button	Function
M	Open the on-screen menu / return to the previous menu level (if pressed on the main menu screen, it will close)
► / ▲	In the OSD menu: navigation / increase setting values Outside the OSD menu: hotkey for switching image modes
◄ / ▼	In the OSD menu: navigation / decrease setting values
E	In the OSD menu: select a setting Outside the OSD menu: hotkey for auto-adjustment (VGA only)
⏻	Power button. Press to turn the monitor on/off

Specifications

- Model: CF20N2.
- Trademark: Aceline.
- Screen size: 19,5".
- Luminance: 220 cd/m².
- Panel type: TN + film.
- Backlight type: LED.
- Maximum resolution: 1600 × 900.
- Aspect ratio: 16:9.
- Contrast ratio: 600:1.
- Screen refresh rate: 75 Hz.
- Interface: HDMI, VGA.
- Pixel response time (GtG): 6 ms.
- Pixel density: 94 ppi.
- Pixel pitch: 0.270 (H) × 0.2664 (V).
- Viewing angle:
 - Horizontal — 140°;
 - Vertical — 110°.
- Monitor power supply: 12 V = 2 A.
- Standby power consumption: 0.5 W.
- Operating power consumption: 24 W.
- Cord type: X.
- Protection class: III.
- IP code: IP20.
- Built-in speakers: No.
- Weight: 2 kg.
- Dimensions: 468.7 × 372.6 × 210 mm.
- VESA size: 100 × 100.
- Adapter power supply:
 - Input: AC, 100–240 V, 50/60 Hz.
 - Output: DC, 12 V = 2 A.
- Scope of application: Domestic.

Package Contents

- Monitor.
- Stand.
- HDMI cable.
- Power adapter.
- User manual.

Maintenance and Care

To clean the screen, use only a dry, soft cloth. Do not use liquids or chemicals.

CAUTION:

- If any unusual sounds or odors occur, immediately unplug the monitor from the power supply and contact an authorized service center.
- Do not remove the monitor’s cover or back panel. This may cause electric shock or fire. There are no user-serviceable parts inside. Servicing should be performed only by qualified technical personnel at an authorized service center.

Troubleshooting Guide

The monitor does not turn on, no power	Check that the device is properly connected to the power supply. Make sure the power cable is securely connected
	Check if the power cord is damaged. Replace the cord if necessary
Power is on, but no image	Make sure all cables are securely connected
	Check that the graphics card is firmly seated
	Make sure the monitor ports and cable connectors are not damaged
	Adjust the brightness and contrast
Color distortion, black-and-white image	Make sure the monitor port and video cable connector are not damaged. Replace the cable if necessary
	Make sure the graphics card is firmly seated in the motherboard slot
	Adjust the brightness and contrast
When connected via VGA, the image is blurry, misaligned, or colors are distorted	Select the auto-adjust function in the on-screen menu, or press the hotkey “E” on the rear panel of the monitor

CAUTION: If the above measures do not resolve the issue, immediately stop using the device and contact an authorized service center.

Rules and Conditions for Installation, Storage, Transportation, Sale (Distribution), and Disposal

- This device requires no assembly or mounting.
- The device must be stored in its original packaging, on heated premises, both at the manufacturer's and at the consumer's sites. The ambient temperature should be between +5 °C and +40 °C, and the relative humidity should not exceed 80% (non-condensing). The storage area must be free from aggressive contaminants (e.g., acid or alkali vapors) that could cause corrosion.
- The device must be transported in a dry place.
- The device requires careful handling. Protect it from exposure to dust, dirt, impact, moisture, fire, and other hazards.
- Sale or distribution of the device must be carried out in accordance with local legislation.
- Upon expiration of the device's service life, it must not be disposed of with unsorted household waste. Instead, it must be taken to an authorized collection point for electrical and electronic equipment for subsequent recycling and disposal in accordance with federal or local legislation. By ensuring proper disposal of this product, you help conserve natural resources and prevent potential harm to the environment and human health that may result from improper handling. For more detailed information about collection and disposal points for this product, please contact your local municipal authorities or your household waste disposal service.
- If a device malfunction is detected, immediately contact an authorized service center or dispose of the device.

Warranty Information

The manufacturer guarantees the device will function properly throughout the warranty period and be free from defects in materials and assembly. The warranty period commences on the date of purchase and applies to new products only. Warranty service includes free repair or replacement of defective parts that fail during the warranty period, provided the failure is not caused by consumer misuse and the product is operated in accordance with the user manual. Repairs or part replacements shall be performed at authorized service centers.

Warranty Period: 12 months

Service Life: 36 months

For the up-to-date list of authorized service centers, please visit:

<https://www.dns-shop.ru/service-center/>

Additional Information

Manufacturer: Dongguan HKC Smart Technology Co., Ltd

Building 1 and 7, Luoqinpu First Road, Qingxi Town, Dongguan City, Guangdong Province, China.

Made in China.

The product meets the requirements of the technical regulations of the TR CU (EAEU).

Product specifications, information and appearance are subject to change without prior notice, for quality improvement of our products.

Production date (mm.yyyy): _____ v.1



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