

Ant Esports NC320

Ant Esports NC320 RGB Gaming Laptop Cooling Pad

Model: NC320 - User Manual

PRODUCT OVERVIEW

The Ant Esports NC320 RGB Gaming Laptop Cooling Pad is designed to enhance laptop performance by providing efficient cooling and ergonomic support. It features a large 140mm fan with adjustable RPM, customizable RGB lighting, and multiple height adjustments for comfortable use. Integrated USB ports and a detachable phone holder add to its functionality.

- **Efficient Cooling System:** Features a 140mm fan with adjustable speed (300-2200 RPM) to dissipate heat effectively.
- **Vibrant RGB Lighting:** Offers 10 RGB modes, controllable via an LCD display for personalized aesthetics.
- **Convenient Features:** Includes a detachable phone holder and two USB 2.0 ports for additional device connectivity.
- **Ergonomic Design:** Provides 7 adjustable angles (20-45 degrees) to improve posture and reduce strain.
- **Quiet Operation:** Operates with fan noise levels between 28-52 dBA for a distraction-free environment.

SETUP INSTRUCTIONS

1. **Unpack the Cooling Pad:** Carefully remove the Ant Esports NC320 cooling pad from its packaging. Ensure all components, including the cooling pad and USB cable, are present.
2. **Position the Cooling Pad:** Place the cooling pad on a stable, flat surface.
3. **Connect Power:** Connect the provided USB cable from the cooling pad's USB input port to an available USB port on your laptop or a USB power adapter. The cooling pad will power on.
4. **Place Your Laptop:** Carefully place your laptop on the cooling pad. Ensure it is centered and stable.
5. **Attach Phone Holder (Optional):** The detachable phone holder can be inserted into the designated slots on either side of the cooling pad for convenient phone placement.



Image: The Ant Esports NC320 cooling pad with a laptop placed on it, highlighting the central fan and surrounding RGB illumination.

OPERATING INSTRUCTIONS

Fan Speed Control

The NC320 features an LCD display and control buttons for adjusting fan speed.

- **Power On/Off:** Press the **On/Off** button (usually marked with a power symbol) to turn the cooling pad on or off.
- **Adjust RPM:** Use the '+' and '-' buttons to increase or decrease the fan speed (RPM). The current RPM will be displayed on the LCD screen. The fan speed can be adjusted from 300 to 2200 RPM.

FULL SMART CONTROL

Smart display readout and one-touch control of RGB and FAN RPM



Readout shows your current fan speed

Image: Detailed view of the control panel, illustrating the LCD display for fan speed and buttons for various functions.

RGB Lighting Modes

Customize the aesthetic of your setup with various RGB lighting effects.

- **Switch Modes:** Press the **RGB Modes** button (usually marked with a light bulb icon) to cycle through the 10 available RGB lighting modes.
- **Turn Off RGB:** Long press the **RGB Modes** button to turn off the RGB lights.

CUSTOMIZATION RGB LIGHTING MODES FOR PERFECT AMBIENT LIGHTING.



Image: The cooling pad showcasing its customizable RGB lighting and the detachable phone holder.

Height Adjustment

Adjust the cooling pad to one of 7 ergonomic tilt positions to find your ideal viewing angle and improve posture.

- **Adjusting Tilt:** Lift the laptop off the cooling pad. Gently lift the top edge of the cooling pad and adjust the support stand to one of the 7 available notches. Ensure both sides are set to the same height for stability.
- **Ergonomic Benefits:** Proper height adjustment can help reduce neck and shoulder strain during prolonged use.

EIGHT ADJUSTABLE TILT POSITIONS

Say goodbye to neck
and shoulder pain

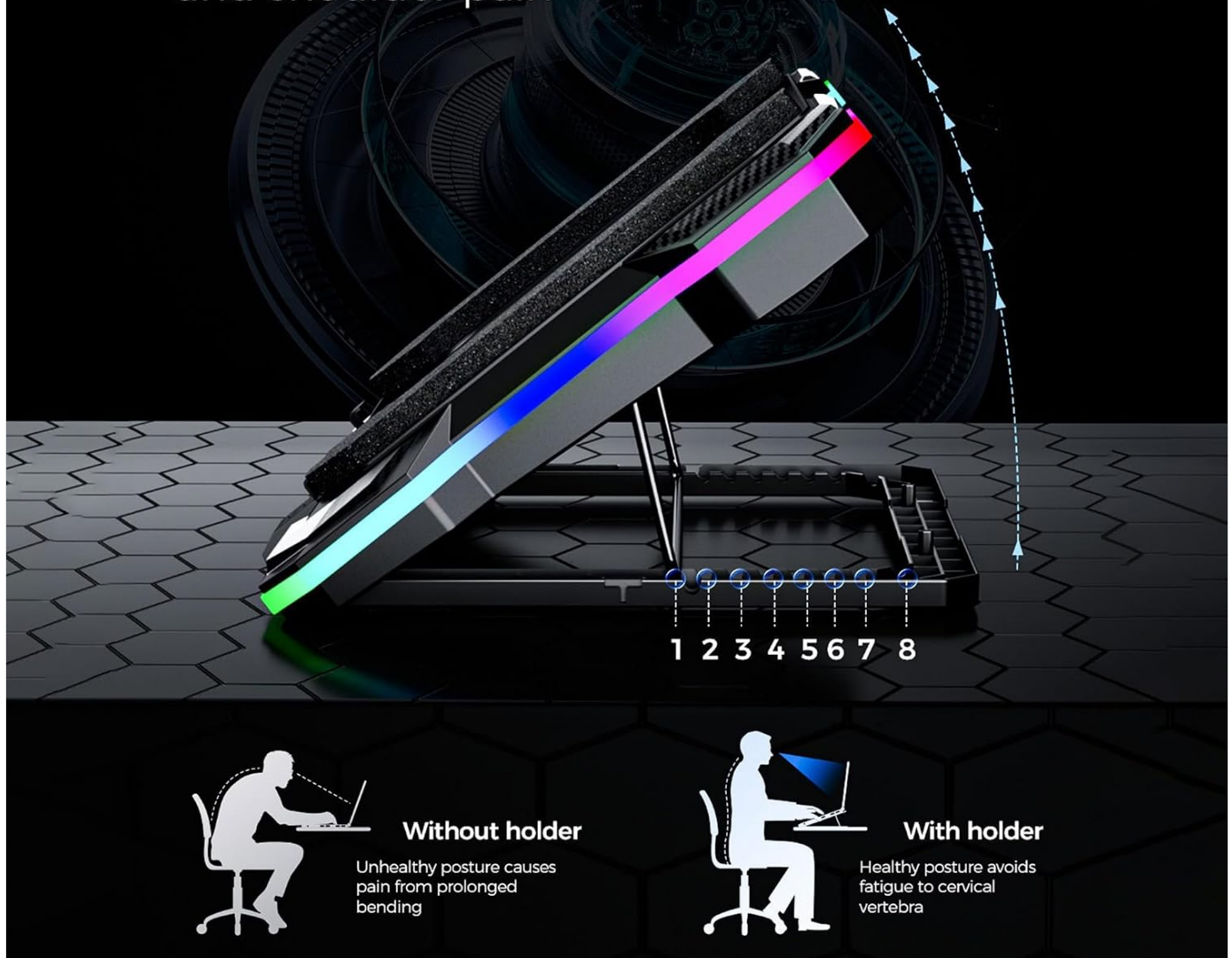


Image: A side view diagram demonstrating the 8 adjustable tilt positions for ergonomic comfort.

USB Ports

The cooling pad includes two USB 2.0 ports for connecting additional peripherals.

- **Connectivity:** Use these ports to connect devices such as a mouse, keyboard, or other USB accessories.
- **Note:** One USB port is used to power the cooling pad itself. The other port is available for external devices.

Dual USB Ports

Built in port for connection of accessories



Cable



USB



Mouse



Keyboard



Image: A close-up view of the dual USB ports, indicating their use for connecting various accessories.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your cooling pad.

- **Cleaning the Fan:** Periodically clean the fan and air vents to prevent dust buildup, which can impede airflow and reduce cooling efficiency. Use a soft brush or compressed air.
- **Cleaning the Surface:** Wipe the surface of the cooling pad with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Dust Covers:** The cooling pad features exchangeable dust covers. Ensure these are clean and properly installed to protect the fan from dust.
- **Storage:** When not in use for extended periods, store the cooling pad in a clean, dry place away from direct sunlight.

KEY PRODUCT FEATURES

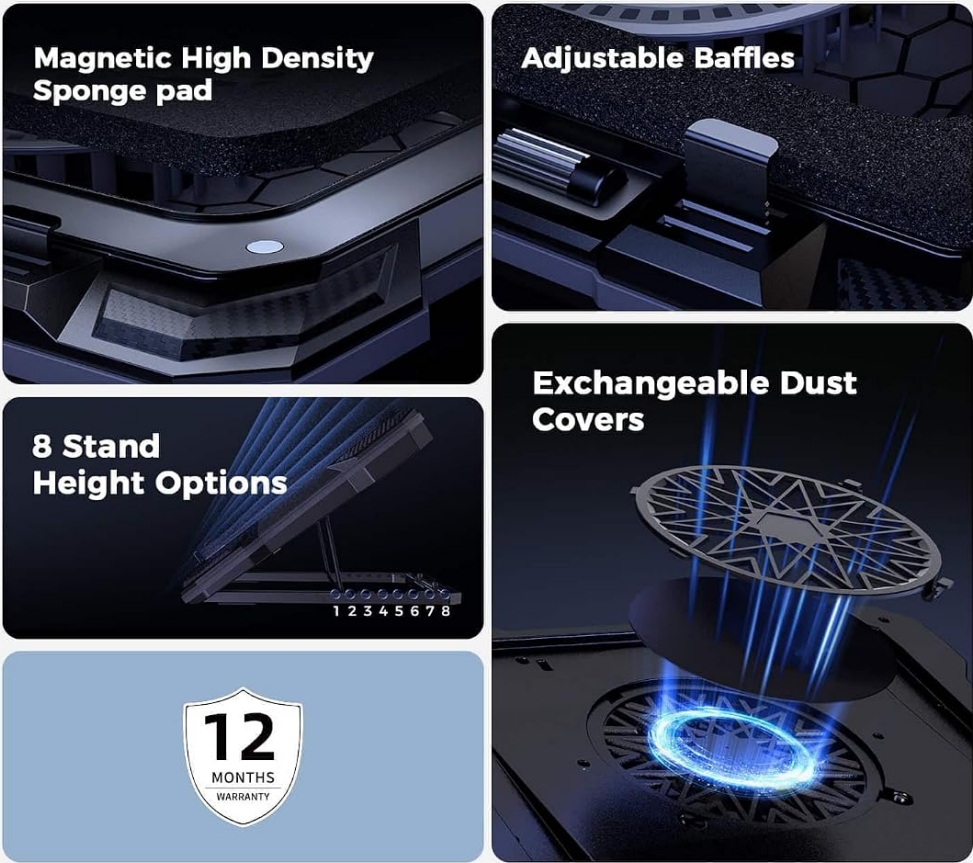


Image: An overview of key features, including the exchangeable dust covers for easy maintenance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Cooling pad does not power on.	No power supply; loose USB connection; faulty USB port.	Ensure the USB cable is securely connected to both the cooling pad and a working USB port on your laptop or power adapter. Try a different USB port or cable.
Fan is not spinning or is weak.	Fan speed set too low; dust buildup; obstruction.	Increase fan speed using the '+' button on the control panel. Clean the fan and vents from any dust or obstructions.

Problem	Possible Cause	Solution
RGB lights are not working.	RGB lights turned off; faulty connection.	Press the RGB Modes button to cycle through modes. If off, long press the RGB Modes button to turn them on. Ensure power connection is stable.
Laptop is still overheating.	Insufficient fan speed; laptop vents blocked; environmental factors.	Increase fan speed to maximum. Ensure laptop's own vents are clear. Use the cooling pad in a well-ventilated area. Consider elevating the laptop further if possible.
Unstable laptop on the pad.	Incorrect placement; uneven surface; laptop size.	Ensure the laptop is centered on the pad. Verify the cooling pad is on a flat, stable surface. For larger laptops, ensure the anti-slip baffles are properly engaged.

SPECIFICATIONS

Feature	Detail
Model	NC320
Brand	Ant Esports
Color	Black
Material	Acrylonitrile Butadiene Styrene (ABS), Metal, Plastic
Fan Size	140mm
Number of Fans	1
Fan Speed (RPM)	300-2200 RPM (Adjustable)
RGB Modes	10 modes
Adjustable Angles	7 (20-45 degrees)
USB Ports	2 x USB 2.0
Noise Level	28-52 dBA
Item Weight	480 Grams
Product Dimensions (L x W x H)	43L x 30W x 3H Centimeters
Compatibility	Laptops 14-19 inches

WARRANTY AND SUPPORT

The Ant Esports NC320 RGB Gaming Laptop Cooling Pad comes with a manufacturer's warranty to ensure your peace of

mind.

- **Warranty Period:** This product includes a 1-year Pan India warranty.
- **Coverage:** The warranty covers technical and electronic issues.
- **Exclusions:** Physical damage due to wear and tear during usage is not covered under this warranty.
- **Manufacturer:** Ant Esports
- **Importer Contact Information:** Acro Engineering Company

For warranty claims or technical support, please contact Ant Esports customer service or the authorized importer, Acro Engineering Company, with your purchase details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question