

Red Magic 6 Pro Cooler User Manual (English)

Table of Contents

1.
[Built-in Cooling Fan](#)
 - 2.
 3.
[External Cooler Accessories](#)
 - 4.
 5.
[Red Magic Dual-core Cooling Back Clip](#)
 - 6.
 7.
[Red Magic Magnetic Cooler 6 Pro](#)
 - 8.
 9.
[Troubleshooting](#)
 - 10.
-

Built-in Cooling Fan

The Red Magic 6 Pro features a built-in high-speed centrifugal fan (up to 20,000 RPM) for active cooling.

How to Enable/Disable

Method 1: Via Settings Menu

1.
Open **Settings**
- 2.

3.

Tap "**Cooling Fan**"

4.

5.

Toggle the **Cooling Fan** switch ON/OFF

6.

7.

Select performance mode: **Energy Saving/Balanced/Awakening/Rapid**

8.

Method 2: Via Quick Settings Panel

1.

Pull down the **Status Bar** from the top

2.

3.

Tap the **Cooling Fan icon**

4.

5.

Select desired performance mode and tap **Done**

6.

Performance Modes

表格

复制

Mode	Use Case	Fan Speed
Energy Saving	Light usage, standby	Low
Balanced	Regular gaming, video	Medium
Awakening	High-load gaming	High
Rapid/Super	Extreme gaming, streaming	Maximum

To Turn Off

Navigate to **Settings** → **Cooling Fan** and toggle the switch OFF.

External Cooler Accessories

Compatibility

The Red Magic 6 Pro supports multiple external cooling solutions:

- Red Magic Dual-core Cooling Back Clip (Clip-on)
 -
 - Red Magic Magnetic Cooler 6 Pro (Magnetic)
 -
 - Red Magic Cooler 6 Air (Lightweight magnetic)
 -
-

Red Magic Dual-core Cooling Back Clip

Package Contents

- Dual-core Cooling Back Clip ×1
-
- Type-C Data Cable ×1
-
- Quick Start Guide ×1
-

Installation

1.

Stretch the clips: Pull the side grips to fit your phone width (supports 70-84mm width)

2.

3.

Align position: Mount on the center-back of the phone for optimal thermal contact

4.

5.

Auto-start: Built-in **Hall switch** automatically turns on when stretched, off when retracted

6.

7.

Connect power: Use Type-C cable to connect to power bank or charger

8.

Features

-

Dual semiconductor refrigeration: Double-layer cooling with butterfly-wing design

-

-

Dual 7-blade fans: Up to 9,000 RPM for rapid cooling

-

-

RGB Lighting: 12 LED lights with APP control

-

-

Low Noise: Upgraded noise reduction air duct design

-

APP Control

Download the **Red Magic Equipment App** to:

-

Control RGB lighting effects

-

-

- Adjust fan speed/gears
 -
 - Monitor temperature
 -
-

Red Magic Magnetic Cooler 6 Pro

Package Contents

-
- Red Magic Cooler 6 Pro ×1
-
-
- 5A Type-C to Type-C Cable ×1
-
-
- Magnetic Pad ×1
-
-
- User Manual ×1
-

Specifications

表格

复制

Feature	Specification
Peak Power	30W
Cooling Drop	Up to 41° C
Min Temperature	-16° C
Dimensions	65×59×28mm

Feature	Specification
Weight	~110g
Fan	40×15mm 7-blade fan (up to 7,000 RPM)
Noise Level	35dB
Ports	1 Type-C (PD fast charging)
Compatibility	Android, iOS (Magnetic & Clip-on)

Installation

For Magnetic Phones (iPhone 11+ or MagSafe cases):

- 1.
- Align the cooler with the back of device
- 2.
- 3.
- It will snap into place magnetically (14N magnetic force)
- 4.

For Non-Magnetic Devices:

- 1.
- Attach the provided **magnetic pad** to the desired cooling area on device back
- 2.
- 3.
- Center it for optimal contact
- 4.
- 5.
- Attach the cooler magnetically to this pad
- 6.

Clip Attachment:

- 1.
- Attach removable clips to the cooler

- 2.
3.
Expand clips and secure onto device sides
- 4.
5.
Ensure cooling plate makes firm contact
- 6.

Power Connection

1.
Connect Type-C cable to cooler's USB-C port
- 2.
3.
Connect to power source (30W PD charger recommended for full performance)
- 4.
5.
Slide the **ON/OFF switch** to ON position
- 6.

Operating Modes

Press the mechanical button to cycle through modes:

- **First Press:** High Power Mode (forced cooling)
-
- **Second Press:** Silent Mode (quiet operation)
-
- **Third Press:** Turn off
-

Smart Features

AI Temperature Control:

-
- Built-in **NTC sensor** monitors real-time temperature

-
-
- Automatically adjusts fan speed and power output

-
- Prevents overheating and condensation
-

Three Cooling Modes (via APP):

1. **Smart Temperature Control** - Auto-adapts to device temperature

2.

3.

Overclocking Mode - Maximum cooling for high-performance gaming

4.

5.

Manual Adjustment - Fine-tune via Goper/Red Magic App

6.

Goper App Control

Download "**Goper**" **APP** via QR code in manual:

-
- Bluetooth connection to cooler
-
-
- RGB lighting customization (16 RGB ring lights)

-
-
- Fan speed control

•

•

- Temperature monitoring
-
-
- Firmware updates
-

Troubleshooting

表格

复制

Problem	Possible Cause	Solution
Cooler not turning on	Insufficient power; loose connection	Ensure USB-C cable is securely connected. Use 30W PD charger for Magnetic Cooler 6 Pro (15W for Cooler 6 Air). Check ON/OFF switch position.
Poor cooling performance	Poor contact; dust obstruction	Ensure cooler is centered on device back. Clean fan vents with compressed air. Remove thick cases.
Excessive noise	High Power Mode; dust buildup	Switch to Silent Mode. Clean fan blades and vents.
Condensation on cooling plate	Normal in humid environments	Wipe with soft cloth. Avoid use in >60% humidity.
APP won't connect	Bluetooth not enabled; pairing issue	Enable Bluetooth. Reset cooler and re-pair in APP.

Maintenance

-
- **Cleaning:** Use soft, dry cloth for exterior. For cooling plate, use damp cloth then dry thoroughly. Do not use abrasive cleaners or immerse in water.
-

-

Fan Area: Check intake/exhaust vents monthly. Use soft brush or compressed air to clear dust.

-

-

Storage: Store in cool, dry place away from direct sunlight

-

Safety Warnings

Do not touch the cooling plate during operation to avoid frostbite

Avoid use in humid environments to prevent condensation damage

Use only certified USB-IF compliant chargers to avoid voltage spikes

Do not block air vents during operation

Limit continuous use to 2-3 hours, then allow cooldown