ComX Computers
Product Specification Sheet

PHANTOM-GAMING-360-LCD

Asrock Phantom Gaming 360 LCD All-in-One Liquid CPU Cooler - Black

Product Overview

Asrock Phantom Gaming 360 LCD All-in-One Liquid CPU Cooler - Black, Compatible with --> AMD AM5 / AM4 / Intel LGA1851 / 1700, 3.4" IPS LCD 480x480 Display 60 fps, USB Type-C to Motherboard 9 pin Connector, Copper material (Cold plate), ARGB LEDs, Aluminium radiator, PWM (4 pin) Connector, 7 x 7 x 2.5 cm VRM fan, PWM (4 pin) Connector, Radiator fan, Fluid Dynamic bearing, ARGB Gen1 LEDs, 450mm length tubing











Specifications

Overview Summary:

The ASRock Phantom Gaming 360 LCD All-in-One Liquid CPU Cooler is built for enthusiasts who want powerful cooling performance and a premium look for their gaming or workstation PC. Featuring a customisable 3.4-inch IPS LCD display, three high-performance 120mm ARGB fans, and a large 360mm radiator, it helps maintain stable CPU temperatures during demanding workloads and extended gaming sessions.

Compatible with AMD AM5, AM4 and Intel LGA1851 and LGA1700 platforms, this cooler offers broad support for modern systems. The copper cold plate, fluid dynamic bearing fans, and synchronised ARGB lighting combine durability, efficient cooling, and striking aesthetics. Buy now and upgrade your system with advanced liquid cooling and personalised visual monitoring.

Performance tier: High-End

Uses: Gaming PCs, content creation workstations, CPU cooling, overclocked systems, custom PC builds, RGB gaming setups, high-performance desktop computers

Overview:

ASRock Phantom Gaming 360 LCD 360mm AIO Liquid CPU Cooler
Keep your processor cool and your system visually refined with the ASRock Phantom Gaming 360 LCD All-in-One Liquid CPU Cooler in black. Designed for modern gaming and high-performance computing setups, it combines strong thermal control with a fully customisable 3.4-inch IPS LCD display, making it suitable for performance-focused PC builds in South Africa and beyond.

Description:

The ASRock Phantom Gaming 360 LCD AIO liquid cooler delivers a combination of efficient 360mm cooling, ARGB lighting, and a high-resolution 3.4-inch IPS LCD screen for real-time monitoring and visual customisation. It is engineered for AMD and Intel platforms, offering broad socket compatibility, quiet fluid dynamic bearing fans, and a copper cold plate for improved heat transfer. This cooler is designed to maintain stable CPU temperatures under load while adding a premium visual element to any gaming or creator system.

Features:

High-efficiency 360mm thermal control for demanding workloads

Built to handle modern high-core-count processors, this 360mm liquid cooling solution uses a large aluminium radiator paired with three 120mm PWM fans to move heat efficiently out of the system. The airflow design is optimised for sustained performance during gaming, rendering, or multitasking workloads.

Key cooling characteristics include

- Three 120mm PWM ARGB fans delivering up to 61.28 CFM airflow
- Pump speed range from 1200 to 3100 RPM for adaptive cooling output
- Fluid dynamic bearing fans designed for reduced noise and long service life
- High static pressure performance for dense radiator fin stacks
- VRM auxiliary fan (7 x 7 x 2.5 cm) for additional motherboard cooling support

This combination helps maintain stable CPU boost behaviour and reduces thermal throttling under heavy sustained loads.

3.4-inch IPS LCD display with real-time system control
A standout feature of this cooler is the integrated 3.4-inch IPS LCD screen with a 480 x 480 resolution. It provides a flexible interface for system monitoring and visual customisation.

Display capabilities include

- 3.4-inch IPS panel with 24-bit colour support
- 480 x 480 resolution with smooth 60Hz refresh performance
- Real-time CPU temperature, fan speed, and system data display
- Support for custom images, animations, and system themes
- USB Type-C connection to motherboard 9-pin header for control

This display transforms the cooler into a functional monitoring point while adding a personalised visual element to the build.

Compatibility and platform support for modern systems
The ASRock Phantom Gaming 360 LCD, SKU PHANTOM-GAMING-360-LCD, is designed for broad platform compatibility across current-generation Intel and AMD sockets, ensuring flexibility for new builds and upgrades.

Supported sockets include

- AMD AM5 and AM4
- Intel LGA1851 and LGA1700

This wide compatibility ensures integration with both recent AMD Ryzen platforms and Intel Core desktop CPUs, making it suitable for long-term system planning.

Thermal engineering and construction quality
The cooling system is built around efficient heat transfer and durable materials to ensure consistent performance over time.

Core construction elements include

- Copper cold plate for high-efficiency thermal conductivity
- Aluminium radiator for balanced weight and heat dissipation
- 450mm reinforced tubing for flexible installation layouts
- IIR and EPDM tubing material for durability and coolant stability
- High-performance pump design integrated into the water block

This structure is designed to maintain consistent thermal transfer even under extended workloads.

ARGB lighting and visual synchronisation
The cooler integrates addressable RGB lighting across the pump and fans, allowing full synchronisation with the rest of the

system for a unified visual profile.

Lighting capabilities include

- Fully addressable ARGB Gen1 LEDs
- Motherboard synchronisation support for unified lighting control
- Multiple lighting modes including static, breathing, and dynamic effects
- Customisable colour profiles for themed builds

This allows the cooler to function as both a performance component and a visual centrepiece.

Core technical details

- Radiator size: 360mm aluminium construction
- Fan speed range: up to 2400 RPM (radiator fans)
- Maximum airflow: 61.28 CFM
- Noise level: up to 31.4 dB(A)
- Pump control: PWM 4-pin connector
- Display brightness: 250 cd/m2
- Tubing length: 450mm
- VRM fan speed: up to 3000 RPM
- Bearing type: Fluid dynamic bearing

In the box

- ASRock Phantom Gaming 360 LCD AIO liquid CPU cooler (black)
- Mounting kit for supported Intel and AMD sockets
- Thermal paste application kit

This model is positioned for users seeking a balance of high-end thermal performance, modern aesthetics, and integrated system monitoring in a single cooling solution.

Specifications:

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Specifications	
Product Code	PHANTOM-GAMING-360-LCD
Compatibility	
AMD	AM5, AM4
Intel	LGA1851, 1700
Screen	
Type	IPS LCD
Size	3.4"
Resolution	480 x 480
Display Colours	24-bit
Brightness	250 cd/m²

Refresh Rate	60Hz
Frames Per Second (FPS)	60 FPS
Connector	USB Type-C to Motherboard 9-Pin
Water Block	
Dimension	10 x 8.6 x 10.7 cm
Material (Cold Plate)	Copper
LEDs	ARGB
Radiator	
Dimension	39.7 x 12 x 3.2 cm
Material	Aluminium
Pump	
Speed	1200 - 3100 +/- 10% RPM
Current/ Voltage	0.38A/ 12V
Connector	PWM (4-Pin)
VRM Fan	
Dimension	7 x 7 x 2.5 cm
Speed	(Max.) 3000 +/- 10% RPM
Connector	PWM (4-Pin)
Current/ Voltage	0.12A/ 12V
Radiator Fan	
Dimension	36.2 x 12.3 x 2.8 cm
Speed	0 - 2400 +/- 10% RPM
Air Flow	(Max.) 61.28 CFM
Air Pressure	(Max.) 3.11 mmH20
Noise	(Max.) 31.4 dB(A)
Connector	PWM (4-Pin)
Current/ Voltage	0.84A/ 12V
Bearing	Fluid Dynamic Bearing
LEDs	ARGB Gen1
Tubing	
Material	IIR + EPDM
Length	450mm

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/PHANTOM-GAMING-360-LCD-Asrock-Phantom-Gaming-360-LCD-All-in-One-Liquid-CPU-Cooler-p-337788.php

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