

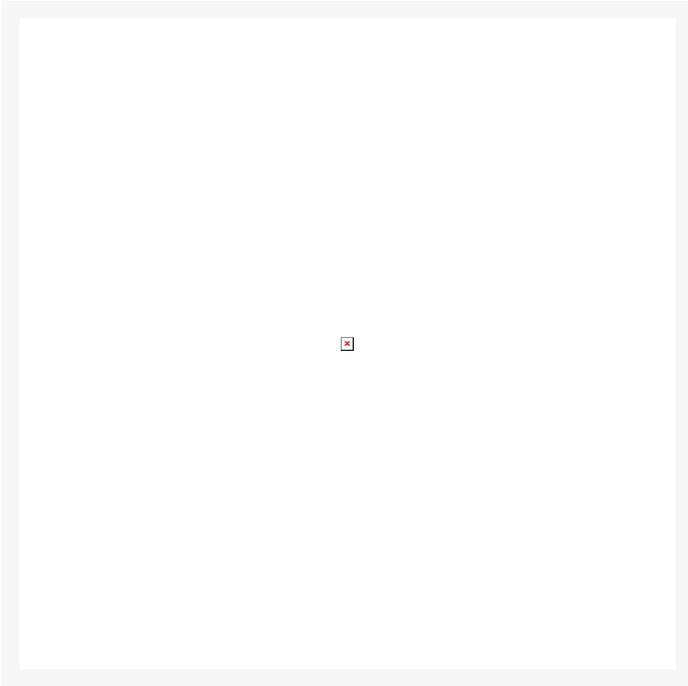


# Gelid Solutions Radiant 120mm RGB Fan

Special Price  
**\$13.99** was  
**\$17.99**

## Product Images







## Short Description

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Brewed with top technologies and passion, the Radiant-D RGB LED Fan is a special craft for modders and gaming enthusiasts. It adds programmable Digital-RGB control with individually addressable LEDs that enables variable color settings for each of the 9 LEDs installed to the fan and fosters a stunningly vivid RGB LED lighting experience. Along with the extreme performance profile and bold design, all that makes the Radiant-D a perfect ingredient for gaming rigs and custom PCs. Just try it, ignite full colors of life inside your PC!

## Description

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Brewed with top technologies and passion, the Radiant RGB LED Fan fosters a stunningly vivid RGB LED lighting experience. Magnificent colors, extreme performance and bold design make the Radiant a perfect mate for water-cooling radiators, advanced heatsinks and custom PC rigs. Just try it, and ignite full colors of life inside your PC!

## Features

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- 9 Full Color RGB LEDs: circularly mounted high-brightness LEDs for a stunningly vivid RGB Lighting experience.
- Infinite Color Spectrum: variable color modes via motherboard controls or the optional GELID RGB LED Multi-Fan Controller.
- Extreme Static Pressure: powerful impeller with the unprecedented static pressure and performance

profiles.

- High Precision Shark-Tooth Blade: 3D optimized blade for even higher airflow and lesser noise.
- Noiseless Motor Drive IC: newly designed and enhanced motor driver to eliminate clicking noise.
- Ultra-Durable Double Ball Bearing: carefully selected top-quality ball bearings for ultra-durable operation.
- Wide Range RPM: extended fan speed in the range 500 – 2000 RPM.
- Broad Compatibility: all modern motherboards with RGB Lighting controls and 12V standard RGB headers are supported.

In standard RGB applications, this type of fans uses the standard RGB LED header with 4-wiring: 12V, R, G, B. All the LEDs integrated with the fan are then connected onto the same 4 busses, they are all controlled as a whole, so they each will output exactly the same color.

It's like you set color for an object in your graphics editor, for example, Red: 25, Green: 50 and Blue: 125, an external RGB controller or motherboard drives the standard RGB LED fan in the same way by altering power on the color busses at a proper duty cycle – the Red, Green and Blue bus, respectively – to output the desired RGB color.

Of course, colors can be managed dynamically, with numerous lighting effects in series. But uniformity of the LEDs – one color for all the LEDs at a time – limits RGB lighting effects to some degree.

#### Digital Individually Addressable RGB

Unlike the standard RGB fans, controls of the individually addressable RGB fans are digital in nature. For this case, the fans use the addressable RGB LED header with 3-wiring: 5V, D, Ground. And the LEDs integrated with the fan have a special companion IC which drives each of them individually: it resides on a one-wire serial bus and sends commands like “LEDs number 3, 5 and 6: switch to green” to set the desired color per individual LED. So, each of the LEDs has its own ID and is controlled independently from the others. In turn, an external app can be used to program the IC giving virtually unlimited options of color modes and effects. Rainbow-circle, rotating colors, multipoint pulsating colors and some other stunningly vivid RGB lighting effects are available only with the individually addressable RGB fans. But, as far as this type of fans supports digital RGB controls only, it's up to your motherboard to provide a full-featured RGB app to discover the excellence of RGB lighting.

Please refer to your motherboard manual before connecting the individually addressable RGB fans.

*The fan is RoHS and WEEE conform and carries a 5 year warranty.*

## Specifications

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Air Flow (CFM):	77.2 max.
Bearing:	Double Ball Bearing
Cable Length (mm):	500 (PWM & RGB)
Power Draw (W):	5.4 max

DC Voltage (V):	12
Dimensions (mm):	120 (l) x 120 (w) x 25 (h)
Fan Life Time MTTF at 40C (h):	100000
Fan Speed (RPM):	500 – 2000
Noise Level (dBA):	40.4 max
Static Pressure (mmAq):	3.39
Fan Connector:	4-Pin PWM Header
LED Connector:	4-Pin RGB Header (12V)
Warranty (years):	5
Weight (g):	188
Included:	4 Screws

## Additional Information

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Brand	Gelid Solutions
SKU	21225-65-D
Weight	0.2000
Color	Frost
Fan Dimensions	120mm
Fan Width	25mm
Fan Connection	4-Pin PWM
Fan Voltage	12 VDC
Fan RPM	2000
Fan CFM	77
Fan Noise (dB)	40
LED Color	RGB
Special Price	\$13.99

