

Prisma AL ARGB

Shine Bright

Fractal Design Prisma AL Series ARGB fans allow your system to truly shine. Six hub-mounted addressable RGB LEDs work in harmony with a white semi-opaque outer ring and fan blades to produce a beautifully uniform glow across the fan's entire surface.

Support for ASUS Aura, Gigabyte Fusion, MSI Mystic Light and ASRock Polychrome allows precision software control, enabling Prisma to synergize perfectly with your components. Those wanting more physical control can pair Prisma with the Adjust R1 controller to switch between colors, brightness, and motion effects with the push of button.

As with any Fractal Design fan, silence remains a central focus with integrated vibration damping corners, silent LLS bearings, and PWM options for complete control over the speed of your fans, ensuring Prisma is seen, not heard.





P r o d u c t S h e e t

Key features

- Six individually addressable hub-mounted RGB LEDs
- Specially designed fan blades and outer ring produce an exceptionally uniform glow
- LLS (Long Life Sleeve) bearings provide silent operation with a long lifespan
- Integrated vibration-damping corners made from high-quality synthetic rubber
- Trip Wire technology introduces a micro-turbulent layer for enhanced blade efficiency
- Aerodynamic stator struts with embedded wiring reduce noise and turbulence
- Chainable RGB cables simplify wiring and make the most of available connections
- PWM control with a wide speed range ideal for CPU heatsinks and radiators (PWM versions only)
- Black sleeved power cables offer an extra touch of style
- Asus AURA, Gigabyte Fusion, MSI Mystic Light, and ASRock Polychrome support
- Adjust R1 RGB controller (sold separately) enables physical control of colors and effects
- 3-pin/PWM versions and 120/140mm sizes available individually or in 3-pack sets

Package contents

Single

- Prisma AL Series fan
- 4 x fan screws

3 Pack

- 3 x Prisma AL Series fan
- 12 x fan screws

General specifications

Specification	• Prisma AL-12	• Prisma AL-12 PWM	• Prisma AL-14	• Prisma AL-14 PWM
Size	• 120 x 120 x 25 mm	• 120 x 120 x 25 mm	• 140 x 140 x 25 mm	• 140 x 140 x 25 mm
Blade color	• Semi-opaque white	• Semi-opaque white	• Semi-opaque white	• Semi-opaque white
Frame color	• Black	• Black	• Black	• Black
LED type	• Addressable RGB	• Addressable RGB	• Addressable RGB	• Addressable RGB
Screw hole pattern	• 105 x 105 mm	• 105 x 105 mm	• 125 x 125 mm	• 125 x 125 mm
Power connector	• 3-pin	• 4-pin	• 3-pin	• 4-pin
Bearing	• LLS	• LLS	• LLS	• LLS
Number of blades	• 7	• 7	• 7	• 7
Rotational speed	• 1200 RPM	• 500 – 2000 RPM	• 1000 RPM	• 500 – 1700 RPM
Noise level	• 19.5 dB(A)	• 32.7 dB(A)	• 19.4 dB(A)	• 34.1 dB(A)
Airflow (CFM)	• 50.63 CFM	• 85.71 CFM	• 63.33 CFM	• 103.85 CFM
Airflow (m3/h)	• 86.02 m3/h	• 145.62 m3/h	• 107.60 m3/h	• 176.44 m3/h
Static pressure	• 1.27 mmH2O	• 2.78 mmH2O	• 1.07 mmH2O	• 2.38 mmH2O
Fan input power	• 1.2W	• 2.16W	• 1.2W	• 2.16W
Fan max input current	• 0.10A	• 0.18A	• 0.10A	• 0.18A
Fan input voltage	• 12V	• 12V	• 12V	• 12V
Fan starting voltage	• 7V	• 7V	• 7V	• 7V



P r o d u c t S h e e t

General specifications

Specification	• Prisma AL-12	• Prisma AL-12 PWM	• Prisma AL-14	• Prisma AL-14 PWM
LED input power	• 1.50W	• 1.50W	• 1.50W	• 1.50W
LED max input current	• 0.30A	• 0.30A	• 0.30A	• 0.30A
LED input voltage	• 5V	• 5V	• 5V	• 5V
Low (0-20%) PWM speed	• N/A	• 500 RPM	• N/A	• 500 RPM
Low PWM noise level	• N/A	• 14.8 dB(A)	• N/A	• 15.1 dB(A)
Low PWM airflow	• N/A	• 20.68 CFM	• N/A	• 31.67 CFM
Low PWM static pressure	• N/A	• 0.36 mmH2O	• N/A	• 0.44 mmH2O
MTBF	• 100,000 hrs.	• 100,000 hrs.	• 100,000 hrs.	• 100,000 hrs.
Fan weight	• 167 g	• 169 g	• 198 g	• 200 g
Package weight	• 210 g	• 212 g	• 246 g	• 248 g
Package weight 3-pack	• 590 g	• 592 g	• 690 g	• 692 g
Cable length	• 500 mm	• 500 mm	• 500 mm	• 500 mm
Cable type	• Black sleeved	• Black sleeved	• Black sleeved	• Black sleeved
Package dimensions (Including hanging tab)	• 182 x 122 x 30 mm • 202 x 122 x 80 mm	• 182 x 122 x 30 mm • 202 x 122 x 80 mm	• 202 x 142 x 30 mm • 222 x 142 x 80 mm	• 202 x 142 x 30 mm • 222 x 142 x 80 mm
Package dimensions (Excluding hanging tab)	• 147 x 122 x 30 mm • 157 x 122 x 80 mm	• 147 x 122 x 30 mm • 157 x 122 x 80 mm	• 167 x 142 x 30 mm • 177 x 142 x 80 mm	• 167 x 142 x 30 mm • 177 x 142 x 80 mm



P r o d u c t S h e e t

Additional information

Product	SKU	EAN	UPC	JAN
Prisma AL-12	FD-FAN-PRI-AL12	7340172701583	843276101589	4537694264150
Prisma AL-12 PWM	FD-FAN-PRI-AL12-PWM	7340172701590	843276101596	4537694264167
Prisma AL-14	FD-FAN-PRI-AL14	7340172701620	843276101626	4537694264174
Prisma AL-14 PWM	FD-FAN-PRI-AL14-PWM	7340172701637	843276101633	4537694264181
Prisma AL-12 3P	FD-FAN-PRI-AL12-3P	7340172701606	843276101602	4537694264198
Prisma AL-14 3P	FD-FAN-PRI-AL14-3P	7340172701644	843276101640	4537694264204
Prisma AL-12 PWM 3P	FD-FAN-PRI-AL12-PWM-3P	7340172701613	843276101619	4537694264211
Prisma AL-14 PWM 3P	FD-FAN-PRI-AL14-PWM-3P	7340172701651	843276101657	4537694264228