



# Product Sheet

## Prisma AL-18

## ARGB PWM

English Version



# Index

3	Overview
4	Key features
5-6	Specifications
7	Package contents
	Additional information

# Prisma AL-18 ARGB PWM

## Super-sized airflow

The Prisma AL-18 is a powerful 180 mm ARGB fan that packs a mean punch in the airflow department. Massive blades, stout 38 mm thickness, and wide 300-1200 RPM range with PWM control allow the AL-18 to yield remarkably high airflow while remaining remarkably quiet.



# Key features

- Massive 180 x 38 mm RGB fan that yields remarkably high airflow while remaining very quiet
- Twelve 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 300-1200 RPM speed range ideal for radiators
- 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
- Fits standard 180 mm fan mounts with 165 x 165 mm screw hole pattern



# Specifications

Size	• 180 x 180 x 38 mm
Color	• Black frame, white blades
Screw hole pattern	• 165 x 165 mm
LED type	• Addressable RGB
Power connector	• 4-pin
Bearing	• LLS
Number of blades	• 7
Rotational speed	• 300 – 1200 RPM
Noise level	• 14.9 – 37.4 dB(A)
Max airflow	• 43.1 – 146.8 CFM
Max airflow	• 73.27 – 249.56 m <sup>3</sup> /h
Max pressure	• 0.44 – 2.50 mmH <sub>2</sub> O
Fan input power	• 4.2W at 12VDC
Fan max input current	• 0.35A
Fan input voltage	• 12V
Minimum startup voltage	• 6V
LED rated voltage	• 5V
LED rated current	• 0.6A
LED Rated input power	• 3.0W

# Package contents

## 1-pack

- Prisma AL-18 180 mm fan
- 4x fan screws
- 4x extra-long radiator screws

## 2-pack

- 2x Prisma AL-18 180 mm fan
- 8x fan screws
- 8x extra-long radiator screws

# Additional information

Product	SKU	EAN	UPC	JAN
Prisma AL18 RGB PWM	FD-FAN-PRI-AL18-PWM	7340172702580	843276102586	4537694277419
Prisma AL18 RGB PWM -2 PACK	FD-FAN-PRI-AL18-PWM-2P	7340172702665	843276102661	4537694279895

# Specifications

MTTF	• 90,000 hrs.
Unit weight(g)	• 521 g (1.043 kg 2-pack)
Package weight (g)	• 570 g (1.140 kg 2-pack)
Cable length (mm)	• 1000
Cable type	• Black sleeved
Packaging dimensions including hanging tab	• 1 pack: 227 x 182 x 40 mm • 2 pack: 227 x 182 x 80 mm
Packaging dimensions excluding hanging tab	• 1 pack: 182 x 182 x 40 mm • 2 pack: 182 x 182 x 80 mm