

Product Sheet

Aspect

12/14 RGB

12/14 RGB PWM

English Version



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Aspect RGB

Widening the color range.

Building on the core functionality of market favorites like Dynamic and Prisma, the Aspect series brings an exciting new aesthetic to the Fractal range of fans. Notable features include aerodynamic stator struts for lower turbulence, Trip Wire technology for enhanced blade efficiency, rifle bearings and built-in chaining support to simplify cable management.



Key features

- Less turbulence thanks to aerodynamic stator struts
- Supports ASUS AURA, Gigabytes Fusion MSI Mystic Light and others
- Trip Wire provides a micro-turbulent layer for enhanced blade efficiency
- Supports chaining to simplify cable management
- Rifle bearings – more efficient than standard sleeve
- Combines aesthetic design and reliable performance
- PWM control with a. wide RPM speed range (PWM versions only)
- Available in black or white
- Fits standard 120 mm (105 x 105 hole pattern) (Aspect 12)
- Fits standard 140 mm (125 x 125 hole pattern) (Aspect 14)



Specifications

	• Aspect 12 RGB	• Aspect 12 RGB	• Aspect 12 RGB PWM
Size	• 120 x 120 x 25 mm	• 120 x 120 x 25 mm	• 120 x 120 x 25 mm
Color	• Black frame, white blades	• White frame, white blades	• Black frame, white blades
Screw hole pattern	• 105 x 105 mm	• 105 x 105 mm	• 105 x 105 mm
LED type	• Addressable RGB	• Addressable RGB	• Addressable RGB
Power connector	• 3-pin	• 3-pin	• 4-pin
Bearing	• Rifle	• Rifle	• Rifle
Number of blades	• 7	• 7	• 7
Rotational speed	• 1200 RPM	• 1200 RPM	• 500-2000 RPM
Noise level	• 18.3 dB(A)	• 18.3 dB(A)	• <10 – 33.2 dB(A)
Max airflow	• 32 CFM	• 32 CFM	• 13 – 56 CFM
Max airflow	• 54.4 m ³ /h	• 54.4 m ³ /h	• 22.1 – 95.1 m ³ /h
Max pressure	• 1.20 mm H ₂ O	• 1.20 mm H ₂ O	• 0.23 – 2.34 mm H ₂ O
Fan typical input power	• 0.96 W	• 0.96 W	• 1.68 W
Fan typical input current	• 0.08 A	• 0.08 A	• 0.14 A
Fan max input power	• 1.92 W	• 1.92 W	• 4.44 W
Fan max input current	• 0.16 A	• 0.16 A	• 0.37 A
Fan input voltage	• 12 V	• 12 V	• 12 V

Specifications

	• Aspect 12 RGB	• Aspect 12 RGB	• Aspect 12 RGB PWM
Minimum startup voltage	• 7 V	• 7 V	• 7 V
LED rated voltage	• 5 V	• 5 V	• 5 V
LED rated current	• 0.3 A	• 0.3 A	• 0.3 A
LED Rated input power	• 1.5 A	• 1.5 A	• 1.5 A
MTTF	• 90.000 h	• 90.000 h	• 90.000 h
Unit weight	• 135 g	• 135 g	• 135 g
Package weight	• 155 g • 3pack: 408 g	• 155 g	• 155 g • 3pack: 408 g
Cable length	• 500 mm	• 500 mm	• 500 mm
Cable type	• Black ribbon [allows chaining]	• White ribbon [allows chaining]	• Black ribbon [allows chaining]
Packaging dimensions including hanging tab	• 123 x 192 x 30 • 3 pack: 123 x 192 x 87 mm	• 123 x 192 x 30	• 123 x 192 x 30 • 3 pack: 123 x 192 x 87 mm
Packaging dimensions excluding hanging tab (WxHxD)	• 123 x 150 x 30 mm • 3 pack: 123 x 150 x 87 mm	• 123 x 150 x 30 mm	• 123 x 150 x 30 mm • 3 pack: 123 x 150 x 87 mm

Specifications

	• Aspect 14 RGB	• Aspect 14 RGB	• Aspect 14 RGB PWM
Size	• 140 x 140 x 25 mm	• 140 x 140 x 25 mm	• 140 x 140 x 25 mm
Color	• Black frame, white blades	• White frame, white blades	• Black frame, white blades
Screw hole pattern	• 125 x 125 mm	• 125 x 125 mm	• 125 x 125 mm
LED type	• Addressable RGB	• Addressable RGB	• Addressable RGB
Power connector	• 3-pin	• 3-pin	• 4-pin
Bearing	• Rifle	• Rifle	• Rifle
Number of blades	• 7	• 7	• 7
Rotational speed	• 1000 RPM	• 1000 RPM	• 500-1700 RPM
Noise level	• 19.5 dB(A)	• 19.5 dB(A)	• <10 – 35.5 dB(A)
Max airflow	• 41 CFM	• 41 CFM	• 20 – 78 CFM
Max airflow	• 69.7 m ³ /h	• 69.7 m ³ /h	• 34 – 132.5 m ³ /h
Max pressure	• 1.02 mm H ₂ O	• 1.02 mm H ₂ O	• 0.30 – 2.05 mm H ₂ O
Fan typical input power	• 0.96 W	• 0.96 W	• 2.16 W
Fan typical input current	• 0.08 A	• 0.08 A	• 0.18 A
Fan max input power	• 1.68 W	• 1.68 W	• 2.88 W
Fan max input current	• 0.14 A	• 0.14 A	• 0.24 A
Fan input voltage	• 12 V	• 12 V	• 12 V

Specifications

	• Aspect 14 RGB	• Aspect 14 RGB	• Aspect 14 RGB PWM
Minimum startup voltage	• 7 V	• 7 V	• 7 V
LED rated voltage	• 5 V	• 5 V	• 5 V
LED rated current	• 0.3 A	• 0.3 A	• 0.3 A
LED Rated input power	• 1.5 W	• 1.5 W	• 1.5 W
MTTF	• 90.000 h	• 90.000 h	• 90.000 h
Unit weight	• 155 g	• 155 g	• 155 g
Package weight	• 185 g • 3pack: 471 g	• 185 g	• 185 g • 3pack: 471 g
Cable length	• 500 mm	• 500 mm	• 500 mm
Cable type	• Black ribbon [allows chaining]	• White ribbon [allows chaining]	• Black ribbon [allows chaining]
Packaging dimensions including hanging tab	• 143 x 212 x 30 mm • 3 pack: 143 x 212 x 87 mm	• 143 x 212 x 30 mm	• 143 x 212 x 30 mm • 3 pack: 143 x 212 x 87 mm
Packaging dimensions excluding hanging tab (WxHxD)	• 143 x 170 x 30 mm • 3 pack: 143 x 170 x 87 mm	• 143 x 170 x 30 mm	• 143 x 170 x 30 mm • 3 pack: 143 x 170 x 87 mm

Package contents

- Aspect Fan
- 4x Fan screw (12x in 3-pack)

Additional information

Product	SKU	EAN	UPC	JAN	ASIN
FD-F-AS1-1204	Aspect 12 RGB Black Frame	7340172703310	843276103316	4537694287487	B08KW7MJSW
FD-F-AS1-1205	Aspect 12 RGB PWM Black Frame	7340172703327	843276103323	4537694287494	B08KW82H7Y
FD-F-AS1-1206	Aspect 12 RGB Black Frame 3-Pack	7340172703518	843276103514	4537694288309	B08LGWX8NP
FD-F-AS1-1207	Aspect 12 RGB PWM Black Frame 3-Pack	7340172703525	843276103521	4537694288316	B08LGY7M2
FD-F-AS1-1208	Aspect 12 RGB White Frame	7340172703556	843276103552	4537694288958	B08NTPPB7Z
FD-F-AS1-1404	Aspect 14 RGB Black Frame	7340172703365	843276103361	4537694287531	B08KW7XPH7
FD-F-AS1-1405	Aspect 14 RGB PWM Black Frame	7340172703372	843276103378	4537694287548	B08KW5PRRS
FD-F-AS1-1406	Aspect 14 RGB Black Frame 3-Pack	7340172703532	843276103538	4537694288323	B08LGZ236V
FD-F-AS1-1407	Aspect 14 RGB PWM Black Frame 3-Pack	7340172703549	843276103545	4537694288330	B08LGX541X
FD-F-AS1-1408	Aspect 14 RGB White Frame	7340172703563	843276103569	4537694288965	B08NTPX9F7