

# 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 m³/h                 | • 54.4 m³/h                 | • 22.1 – 95.1 m³/h          |
| Max pressure              | • 1.20 mm H2O               | • 1.20 mm H2O               | • 0.23 – 2.34 mm H2O        |
| 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<br>• 3pack: 408 g                          | • 155 g                          | • 155 g<br>• 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<br>including hanging tab         | • 123 x 192 x 30<br>• 3 pack: 123 x 192 x 87 mm    | • 123 x 192 x 30                 | • 123 x 192 x 30<br>• 3 pack: 123 x 192 x 87 mm    |
| Packaging dimensions<br>excluding hanging tab (WxHxD) | • 123 x 150 x 30 mm<br>• 3 pack: 123 x 150 x 87 mm | • 123 x 150 x 30 mm              | • 123 x 150 x 30 mm<br>• 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 m³/h                 | • 69.7 m³/h                 | • 34 – 132.5 m³/h           |
| Max pressure              | • 1.02 mm H2O               | • 1.02 mm H2O               | • 0.30 – 2.05 mm H2O        |
| 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<br>• 3pack: 471 g                          | • 185 g                          | • 185 g<br>• 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<br>• 3 pack: 143 x 212 x 87 mm | • 143 x 212 x 30 mm              | • 143 x 212 x 30 mm<br>• 3 pack: 143 x 212 x 87 mm |
| Packaging dimensions excluding hanging tab (WxHxD) | • 143 x 170 x 30 mm<br>• 3 pack: 143 x 170 x 87 mm | • 143 x 170 x 30 mm              | • 143 x 170 x 30 mm<br>• 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 | B08LGYP7M2 |
| 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 |