

Dynamic X2 White Edition

Aerodynamic technology. Cool design.

The Fractal Design Dynamic X2 series are true all-purpose fans, offering excellent airflow and outstanding 100,000-hour life expectancy thanks to the new LLS (Long Life Sleeve) bearing.

The customized design of the Dynamic X2 results in a beautiful fan that helps to keep your system cool, yet quiet. Designed together with Fractal Design's high-end Venturi Series, the Dynamic X2 incorporates aerodynamic elements of airplane wing designs for significant noise reduction.

Available in multiple colors including black, white, and the classic Fractal Design white-on-black combination, the Dynamic X2 series are the perfect choice for those seeking an expertly balanced fan with exceptional dependability.





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

Key features

- High-grade LLS bearing with 100,000-hour MTBF delivers long-lasting dependability
- Counter-balanced magnet reduces axial tension on the bearing, resulting in less wear over time
- Optimized fan geometry balances airflow and static pressure for great performance in any usage scenario
- Aerodynamic stator with embedded wiring helps reduce noise and unwanted turbulence
- Stator struts sit on a wide angle to the trailing edge of the blades, resulting in a lower noise level and smoother noise profile
- Strategically placed notches near the fan hub on the trailing edge of the blades help to eliminate the humming noise produced when the blades pass stator struts
- “Trip wire” technology introduces a micro-turbulent layer that helps to combat elements that negatively affect performance, providing an overall more efficient and quiet fan environment
- Customized design contributes to a cool running and beautiful looking build
- Available in 120mm and 140mm sizes and multiple colors including black, white or the signature Fractal Design white-on-black combination

Package contents

- Dynamic X2 Series fan
- Screw pack with 4 metal fan screws

General specifications

| Specification | • Dynamic X2 GP-12 White Edition | • Dynamic X2 GP-14 White Edition |
|---------------------------------|----------------------------------|----------------------------------|
| Size [mm] | • 120x120x25mm | • 140x140x25mm |
| Colors available | • White blades, white frame | • White blades, white frame |
| Screw hole pattern | • 105x105mm | • 125x125mm |
| Connector | • 3-pin fan header | • 3-pin fan header |
| Bearing | • LLS | • LLS |
| Number of blades | • 7 | • 7 |
| Rotational speed [RPM] | • 1200 | • 1000 |
| Acoustical noise [dB (A)] | • 19.4 | • 18.9 |
| Maximum air flow [CFM] | • 52.3 | • 68.4 |
| Maximum pressure [mm H2O] | • 0.88 | • 0.71 |
| Actual input power [W] | • 1.32 | • 1.32 |
| Maximum rated input current [A] | • 0.18 | • 0.20 |
| Nominal input voltage [V] | • 12 | • 12 |
| Minimum startup voltage [V] | • 4 | • 4 |
| Low (0-20%) PWM speed | • N/A | • N/A |
| Low PWM Static pressure | • N/A | • N/A |
| Low PWM Air flow | • N/A | • N/A |
| Low PWM Noise level | • N/A | • N/A |

General specifications

| Specification | • Dynamic X2 GP-12 White Edition | • Dynamic X2 GP-14 White Edition |
|--|----------------------------------|----------------------------------|
| Unit weight [g] | • 119 | • 142 |
| Package weight [g] | • 160 | • 190 |
| Cable length [mm] | • 500 | • 500 |
| Cable type | • White ribbon cable (WTO) | • White ribbon cable (WTO) |
| Packaging dimensions [mm] (Including hanging tab) | • 180x122x26 | • 200x142x26 |
| Packaging dimensions [mm] (Excluding hanging tab) | • 147x122x26 | • 167x142x26 |

Additional information

| Product | SKU | EAN | UPC | JAN |
|--------------------------------|------------------------|---------------|--------------|---------------|
| Dynamic X2 GP-12 White Edition | FD-FAN-DYN-X2-GP12-WTO | 7340172700142 | 843276100148 | 4537694257480 |
| Dynamic X2 GP-14 White Edition | FD-FAN-DYN-X2-GP14-WTO | 7340172700159 | 843276100155 | 4537694257497 |