

## Dynamic X2

Aerodynamic technology. Cool design.

Fractal Design Dynamic X2 GP-12 and GP-14 are true all-purpose fans, offering good airflow and best in class 100,000 hours MTBF thanks to the new LLS bearing. Their customized design creates a beautifully aesthetic fan to help keep your system cool, yet quiet.

Designed together with our high-end Venturi Series, the Dynamic X2 Series fans feature aerodynamic elements, similarly found in airplane wing designs, with significant noise-reducing elements.

Available in two color combinations: pure black, or the classic Fractal Design signature color scheme with white blades and black frame. The Dynamic X2 series are the perfect companion for users looking to make use of an all-purpose fan with an exceptional lifespan.





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

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## Key features

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- High grade LLS bearing with class leading 100,000 hours MTBF.
- Equipped with a counter-pull magnet that reduces the axial tension on the bearing
- Fan geometry optimized for a good balance between static pressure and maximum airflow, resulting in good performance in all usage scenarios
- Aerodynamically shaped stator struts including the wire strut. Helps reduce noise and unwanted turbulence.
- Stator struts sit on a wide angle to the trailing edge of the blades which result in a lower noise level and smoother noise profile
- Strategically placed notches near the fan hub on the trailing edge of the blades further reducing the humming noise produced when the blades pass the stator struts
- A "trip wire" on the rear side of the blades near the leading edge. The trip wire introduces a larger turbulent boundary layer at an earlier stage, this delays the layer separation and improves both airflow and noise characteristics.
- The customized design of the Dynamic Series fans contributes to a beautiful, cool build
- Available in two color combinations
- Available in 120mm and 140mm fan sizes

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## Package contents

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



### General specifications

Fan	• X2 GP-12	• X2 GP-14
Size (mm)	• 120 x 120 x 25mm	• 140 x 140 x 25mm
Colors available	• Black blades, black frame • White blades, black frame	• Black blades, black frame • White blades, black frame
Screw hole pattern	• 105 x 105mm	• 125 x 125mm
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	• 0.2
Nominal input voltage (V)	• 12	• 12
Minimum startup voltage (V)	• 4.0	• 4.0
MTBF (hours)	• 100,000	• 100,000
Unit weight (g)	• 119	• 142
Package weight (g)	• 160	• 190
Cable length (mm)	• 500	• 500
Cable type	• Black ribbon cable	• Black ribbon cable
Packaging dimensions (mm) ( Including hanging tab)	• 180 x 122 x 26	• 200 x 142 x 26
Packaging dimensions (mm) (Excluding hanging tab)	• 147 x 122 x 26	• 167 x 142 x 26



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## Additional information

Product	SKU	EAN	UPC	JAN
FD-FAN-DYN-X2-GP12-BK	FD-FAN-DYN-X2-GP12-BK	7350041084372	817301014373	4537694240857
FD-FAN-DYN-X2-GP12-WT	FD-FAN-DYN-X2-GP12-WT	7350041084389	817301014380	4537694240864
FD-FAN-DYN-X2-GP14-BK	FD-FAN-DYN-X2-GP14-BK	7350041084396	817301014397	4537694240871
FD-FAN-DYN-X2-GP14-WT	FD-FAN-DYN-X2-GP14-WT	7350041084402	817301014403	4537694240888