NEPTUNE

DN120PRO / DN140PRO

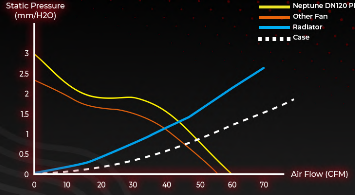
Pro Grade Static Pressure Fan

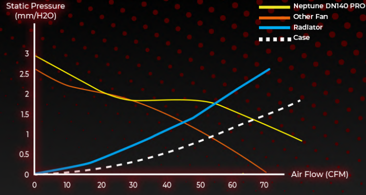
Cool Like Neptune

The Neptune DN PRO fans revolutionize the industry's thermal approach by integrating the specialized aerodynamic blade design. These fans balance cooling performance and acoustic suppression. Get ready to experience pro grade cooling!

Bested the Tested

The Neptune fans underwent rigorous testing, fortifying a strong pressure-to-airflow P-Q curve. The critical middle section indicates that the Neptune fans possess high static pressure and airflow that outperforms the competition.





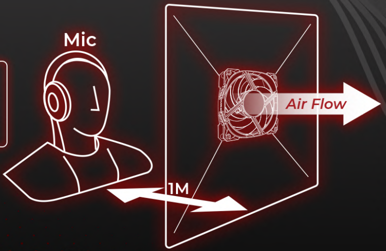
DN120 PRO

	AIR FLOW	AIR PRESSURE	
2200 rpm	60.56 CFM	2.83 mm/H20	PWM PWM

DN140 PRO

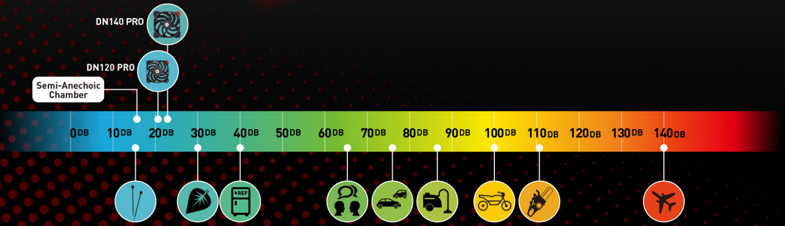
	AIR FLOW	AIR PRESSURE	
1800 rpm	91.66 CFM	2.95 mm/H20	PWM PWM

InWin's Semi-Anechoic Chamber's background noise level is at 17 dB(A). The sound test distance between the fan and the microphone is 1 meter.



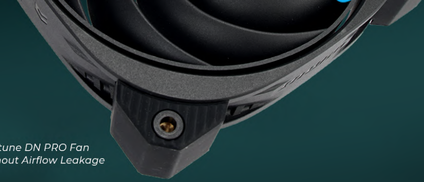
True Air Benders

Besides enhancing speed, the Neptune series creates a more balanced performance, which includes reducing noise. Turbulence, resonance, and pitch from air dispersal were all taken into consideration. InWin dissected the fan's anatomy to produce these silent high static-pressure fans.

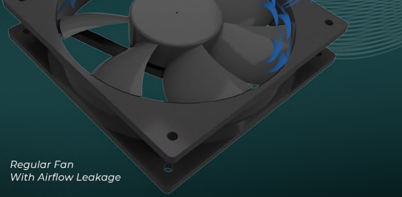


Turbine Blade Design

Experience quiet cooling and efficient airflow with InWin's signature Turbine Blade design. Molding the fan blades into the frame creates a more concentrated airflow, preventing air leakage and irritating noise pollution.



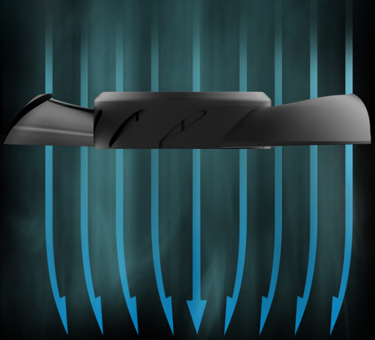
Neptune DN PRO Fan
Without Airflow Leakage



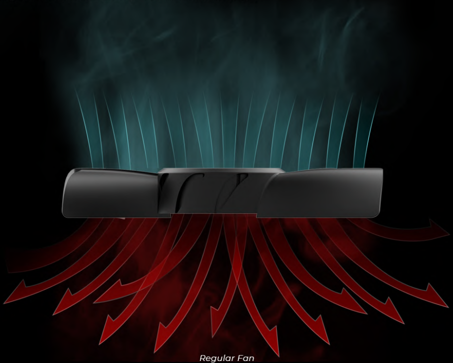
Regular Fan
With Airflow Leakage

Ahead of the Curve

Neptune's fan blades are angled slightly to ensure the airflow is channeled in a more focused stream. This tactical design allows the static pressure to increase.

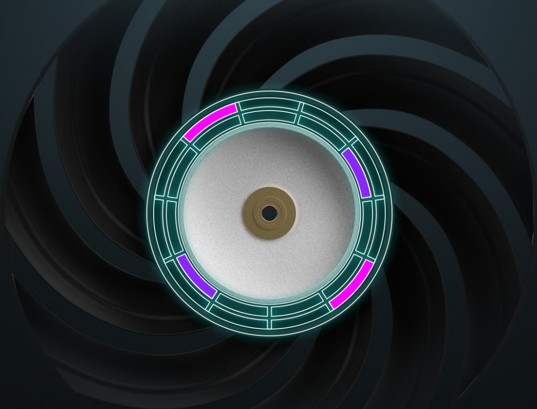


Neptune DN PRO Fan
Airflow Concentrated



Regular Fan
Airflow Dispersed

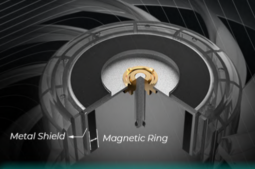
Double Dynamic Balance



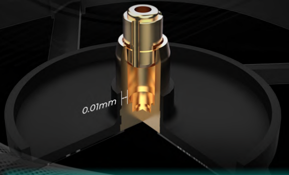
The Neptune DN PRO fans operate with optimal stability and minimal vibrations. The fans accomplish this after countless dynamic balancing tests and multiple manual tunings.

Remarkable Ingenuity

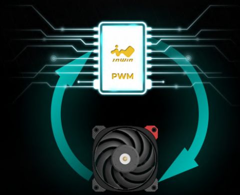
Three-Phase Motor



Metal Magnetic Shield



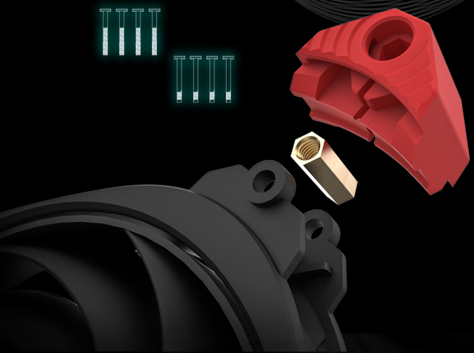
FDB with Copper Bearing Shield



IC-Enhanced PWM Precision

User-Friendly Installation

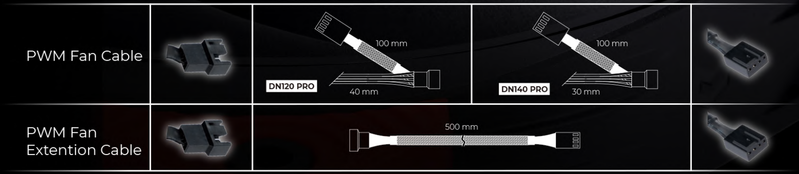
Metallic precision screw threading is pre-applied for easy installation. Customized radiator screws are included.



Material Upgrade

Both fan and extension cables are sleeved with braided nylon for better overall protection and appearance.

DN120 PRO / DN140 PRO Cable Information

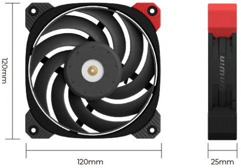


Specifications

DN120 PRO

Model	Neptune DN120 PRO	Neptune DN140 PRO
Quantity Included	Single Pack	
Model Number	IW-FN-DN120PRO-1PK	IW-FN-DN140PRO-1PK
Colors	Black	
Fan Size	120 x 120 x 25 mm	140 x 140 x 25 mm
Materials	PBT, Silicon	
Rated Voltage	DC 12V	
Rated Power	1.44W	1.92W
Rated Current	0.13A	0.16A
Speed Mode	PWM 900 - 2200 +/- 10% RPM	PWM 900 - 1800 +/- 10% RPM
Air Flow	24.15 - 60.56 CFM	43.74 - 91.66 CFM
Air Pressure	0.45 - 2.83 mm / H2O	0.67 - 2.95 mm / H2O
Connector (Fan to Fan)	Non-Modular Cables	
Connector to M/B	4-Pin (12V, PWM)	
Noise Level	20.3 dB(A) (Normal)	24 dB(A) (Normal)
Bearing Type	FDB	
MTBF	>60,000 hrs.	
Net Weight	251 g / 0.55 lbs	297 g / 0.65 lbs
Gross Weight	441 g / 0.97 lbs	516 g / 1.14 lbs
Package Dimensions (L x W x H)	212 x 37 x 157 mm 8.35 x 1.45 x 6.18"	232 x 37 x 177 mm 9.13 x 1.45 x 6.97"
Warranty	6 Years	

* InWin's products comply with RoHS regulation.
* Specifications may vary based on different regions.



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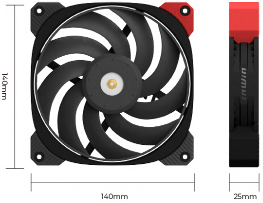
DN140 PRO



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