NEPTUNE

DN120 / DN140

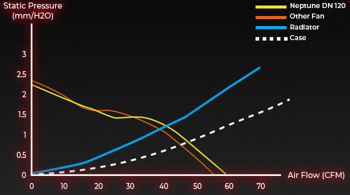
Silent Static Pressure Fan

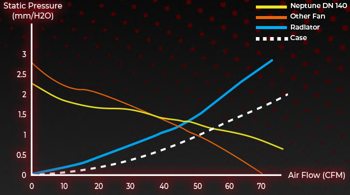
Silence Has Never Been Cooler

The optimal fan blade structure utilizes noise-reduction technology without sacrificing cooling efficiency.
The pitch-dark blades channel the aura of deep space and create frigid temperatures to match.

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.





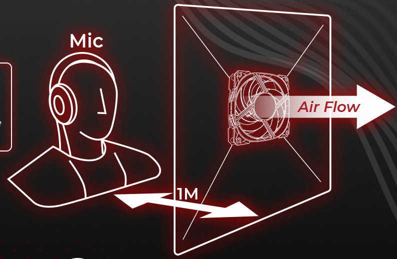
DN120

- **2200** rpm
- AIR FLOW **60.1** CFM
- AIR PRESSURE **2.27** mm/H20
- **PWM** PWM

DN140

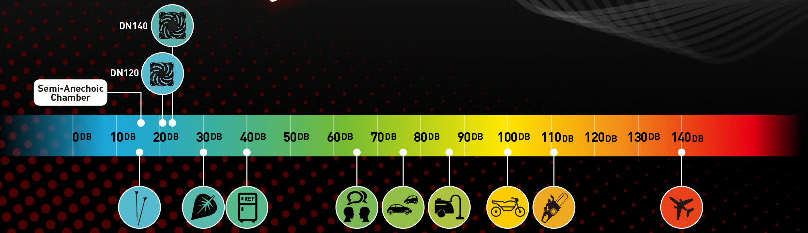
- **1800** rpm
- AIR FLOW **88.89** CFM
- AIR PRESSURE **2.18** mm/H20
- **PWM** PWM

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.



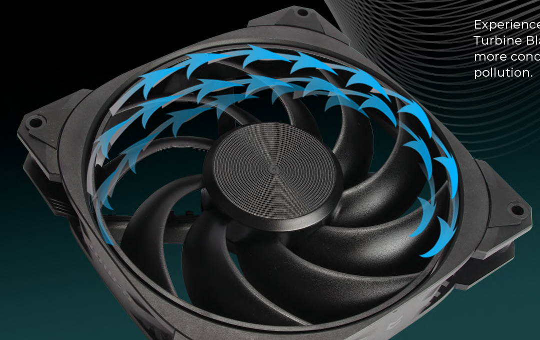
True Air Benders

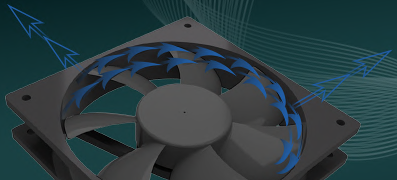
Besides enhancing speed, the Neptune series creates a more balanced performance, which includes reducing noise. Turbulence, resonance, and pitch from air dispersal were all taken into consideration. InWin dissected the fan's anatomy to produce these silent high static-pressure fans.

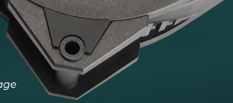


Turbine Blade Design

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.





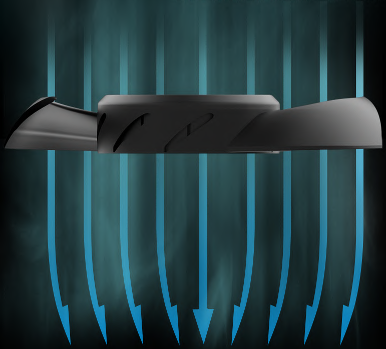


Neptune DN Fan
Without airflow leakage

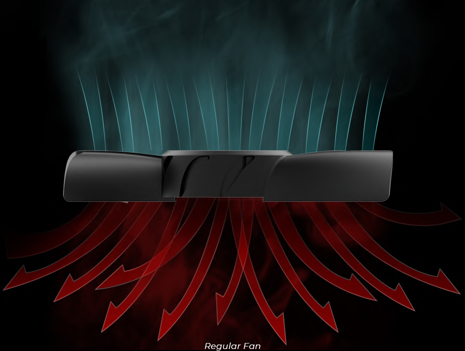
Regular Fan
With airflow leakage

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 Fan
Airflow Concentrated



Regular Fan
Airflow Dispersed

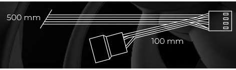
BE COOL ! BE COOL !

The Neptune case fan series PWM initiates at an immediate 900 RPM. This will provide enough airflow to cool loading PC systems while producing an extremely low noise level at 17.2 dB(A).

900
rpm

NOISE LEVEL
17.2
dB(A)

DN120/DN140 Cable Information

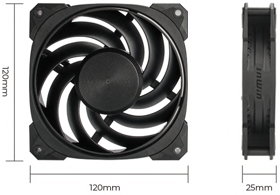
PWM Fan Cable			

Specifications

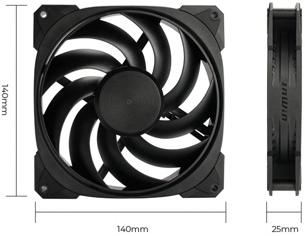
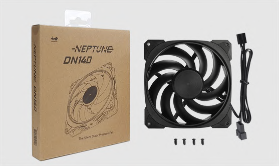
Model	Neptune DN120	Neptune DN140
Quantity Included	Single Pack	
Model Number	IW-FN-DN120-1PK	IW-FN-DN140-1PK
Colors	Black	
Fan Size	120 x 120 x 25 mm	140 x 140 x 25 mm
Materials	PBT, PC	
Rated Voltage	DC 12V	
Rated Power	1.92W	2.16W
Rated Current	0.17A	0.19A
Speed Mode	PWM 900 - 2200 +/- 10% RPM	PWM 900 - 1800 +/- 10% RPM
Air Flow	23.87 - 60.1 CFM	41.67 - 88.89 CFM
Air Pressure	0.36 - 2.27 mm / H2O	0.49 - 2.18 mm / H2O
Connector (Fan to Fan)	Non-Modular Cables	
Connector to M/B	4-Pin (12V, PWM)	
Noise Level	20.5 dB(A) (Normal)	24.5 dB(A) (Normal)
Bearing Type	Long Lifespan Sleeve Bearing	
MTBF	>36,000 hrs.	
Net Weight	180 g / 0.4 lbs	210 g / 0.46 lbs
Gross Weight	215 g / 0.47 lbs	250 g / 0.55 lbs
Package Dimensions (L x W x H)	125 x 30 x 150 mm 4.92 x 1.18 x 5.9"	147 x 28 x 170 mm 5.79 x 1.1 x 6.7"
Warranty	3 Years	

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

DN120



NEPTUNE
DN120

DN140