Silent Static Pressure Fan

# NEPTUNE AN120 / AN140

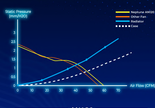
ARGB

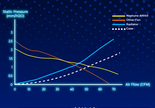
## Acoustic Expression : Silence

The Neptune AN fans, integrated with innovative aerodynamic blades, maintain efficiency while sustaining a silent, tranquil environment. The 8-individual ARGB LEDs enrich the PC's overall visual aesthetic.

## Bested the Tested

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




AN120

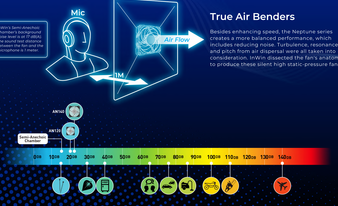
| 2200 | 60.1 | 2.27 | PWM |
|---|---|---|---|
| rpm | CFM | mmH2O | Fan |

AN140

| 1900 | 88.89 | 2.16 | PWM |
|---|---|---|---|
| rpm | CFM | mmH2O | Fan |

## 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

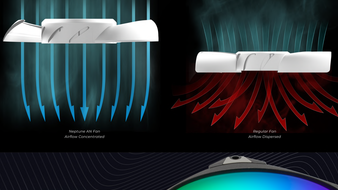
Experience quiet cooling and efficient airflow with InWin's signature Turbine Blade design. Molding the fan blades into the frame creates a more concentrated airflow, preventing air leakage and irritating noise pollution.

Neptune AN 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 AN 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 | 17.2 |
|---|---|
| rpm | dB(A) |

## AN120/AN140 Cable Information

## Specifications

| | | |
|---|---|---|
| **Model** | Neptune AN120 | Neptune AN140 |
| **Quantity included** | Triple Pack | |
| **Model Number** | IW-FN-AN120-3PK | IW-FN-AN140-3PK |
| **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 |
| **ARGB Rated Voltage** | DC 5V | |
| **ARGB Rated Power** | 1.4W | |
| **ARGB Rated Current** | 0.28A | |
| **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 |
| **LED** | Addressable RGB | |
| **Connector (Fan to Fan)** | Non-Modular Cables | |
| **Connector to M/B** | 4-Pin (5V, PWM), 3-Pin (5V, ARGB) | |
| **Noise Level** | 20.5 dB(A) (Normal) | 24.5 dB(A) (Normal) |
| **Bearing Type** | Long Lifespan Sleeve Bearing | |
| **MTBF** | >36,000 hrs. | |
| **Net Weight** | 541 g / 1.19 lbs | 629 g / 1.39 lbs |
| **Gross Weight** | 803 g / 1.77 lbs | 946 g / 2.09 lbs |
| **Package Dimensions (L x W x H)** | 131 x 91 x 170 mm<br>5.15 x 3.58 x 6.7" | 151 x 91 x 190 mm<br>5.9 x 3.58 x 7.48" |
| **Warranty** | 3 Years | |

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

AN120

AN140