ARCTIC F PRO PWM Series

High Performance Ultra Quiet PWM Case Fans

Main Features

- Patented PWM Sharing Technology (PST)
- Extremely quiet with low noise impeller
- Patented vibration absorption eliminates buzzing sound
- Patented fan holder eliminates the buzzing sound
- Fluid dynamic bearing extends service life

6 Year Limited Warranty

Carbon Neutral
green.arctic.ac

www.arctic.ac

ARCTIC

ARCTIC F PRO PWM Series

High Performance Ultra Quiet PWM Case Fans

The **ARCTIC F PRO PWM Series** case fans outperform generic case fans thanks to the patented PWM Sharing Technology (PST) – which regulates the speed of up to 5 fans via BIOS by sharing a single PWM signal. With this efficient centralized cooling system, temperature and noise level control are optimized at the same time. The **ARCTIC F PRO PWM Series** is available in 80mm, 92mm and 120mm.

Specifications:

PST	PWM amplifier integrated on motor circuit
	4 pin plug for receiving power and PWM signal from motherboard
	4 pin socket for CPU cooler or second fan
	3 pin plug to send fan PWM signal to motherboard

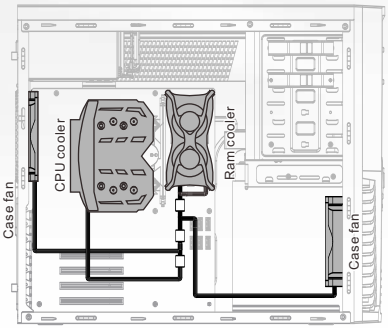
ARCTIC F8 PRO PWM	
Dimensions	80 (L) x 80 (W) x 34 (H) mm
Fan	80mm, 500 - 2,000 RPM (controlled by PWM)*
Airflow	33 CFM / 56.1 m^3/h
Bearing	Fluid Dynamic Bearing
Current / Voltage	0.20A / 12V
Noise Level	0.3 Sone
Weight	72g

ARCTIC F9 PRO PWM	
Dimensions	92 (L) x 92 (W) x 34 (H) mm
Fan Speed	92mm, 600 – 2,000 RPM (controlled by PWM)*
Airflow	39 CFM / 66.3 m^3/h
Bearing	Fluid Dynamic Bearing
Current / Voltage	0.24A / 12V
Noise Level	0.4 Sone
Weight	86g

ARCTIC F12 PRO PWM	
Dimensions	120 (L) x 120 (W) x 38.5 (H) mm
Fan	120 mm, 500 - 1,500 RPM (controlled by PWM)*
Airflow	54 CFM / 91.7 m^3/h
Bearing	Fluid Dynamic Bearing
Current / Voltage	0.20A / 12V
Noise Level	0.3 Sone
Weight	140g

*The minimum speed is tested based on a duty cycle of 20%

Airflow Directions

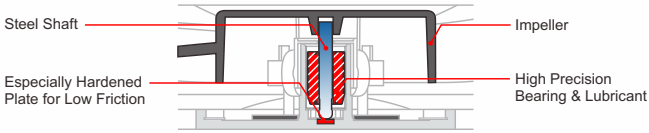


The PST ensures all PWM-controlled devices to run at optimal speed (and hence lower noise level) based on the actual CPU cooling demand.

Patents

DE 20307981, DE 202005011514, DE 202006015577, US 7101149, CN 200610106209

Fluid Dynamic Bearing



www.arctic.ac