



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



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

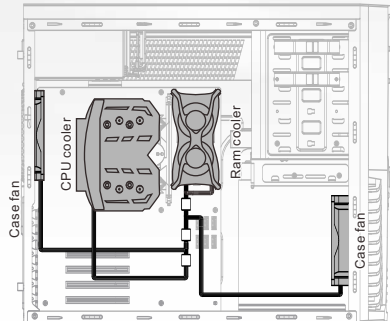
ARCTIC F8 PRO PWM	
Dimensions	80 (L) x 80 (W) x 34 (H) mm
Fan	80mm, 500 - 2,000 RPM (controlled by PWM)*
Airflow	33 CFM / 56.1 m³/h
Bearing	Fluid Dynamic Bearing
Current / Voltage	0.20A / 12V
Noise Level	0.3 Sone
Weight	72g



Airflow Directions

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 m³/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 m³/h
Bearing	Fluid Dynamic Bearing
Current / Voltage	0.20A / 12V
Noise Level	0.3 Sone
Weight	140g



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

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

Patents

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

Fluid Dynamic Bearing

