ARCTIC

F PRO PWM PST

Welcome Guide

EN
DE
FR
ES …

support.arctic.ac/fpropwmpst

Dear Customer

Thank you for choosing a fan of the ARCTIC F Pro fan series. This fan was optimized to work as a case fan with little to no resistance and offers in this setup an unparalleled noise-performance ratio.

YOU are the centre of ARCTIC. We work hard to approach all angles from a user's perspective and are fully dedicated to create innovative, user-friendly and affordable devices. YOUR satisfaction is our ultimate goal.
In order to assist you even better, we launched a support platform for Smartphones (support.arctic.ac).

I hope you enjoy the fan and we at ARCTIC look forward to further enriching your life with our products. If you would like to share how you use ARCTIC's products please do so at https://www.facebook.com/ARCTIC.en

ARCTIC is a fully carbon neutral company and your support helps us to compensate every kilogram of CO_2 we produce. Thank You.

Sincerely,

Magnus Huber
ARCTIC CEO

Plugs / Sockets

F8 / F9 / F12 / F14 PRO PWM PST

A 4-pin PWM plug	**B** 4-pin PWM socket

Mainboard	**CPU Cooler / Fan (PWM Controlled)**
C 4-pin PWM socket	**D** 4-pin PWM plug

How to Plug Your Fan

1

CPU Cooler / Fan (PWM Controlled)
D 4-pin PWM plug

Mainboard
C 4-pin PWM socket

2

Case Fan
A 4-pin PWM plug

Mainboard
C 4-pin PWM socket

3

CPU Cooler / Fan (PWM Controlled)
D 4-pin PWM plug

Case Fan
B 4-pin PWM socket

Case Fan
A 4-pin PWM plug

Mainboard
C 4-pin PWM socket
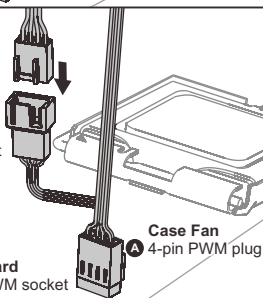
If Connecting with Multiple Fans

CPU Cooler

CPU Cooler / Fan (PWM Controlled)
Ⓓ 4-pin PWM plug

Case Fan 2

Case Fan 1

Mainboard
Ⓒ 4-pin PWM socket
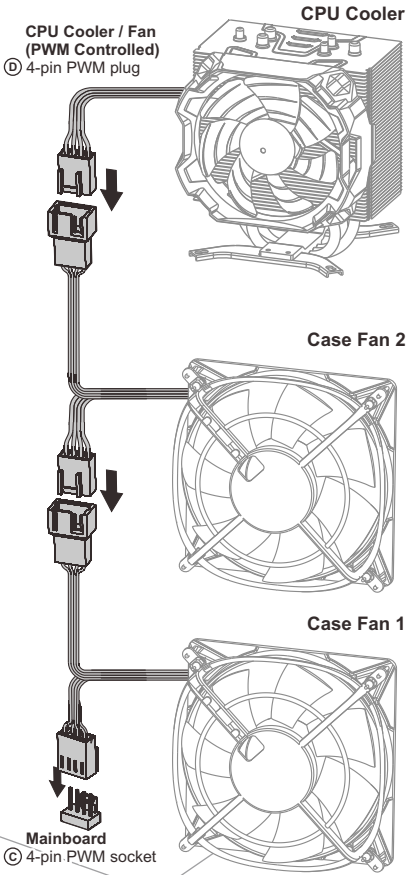
*We recommend not to chain more than 5 fans as some motherboards may only deliver 1.0A per fan header. Please consult your motherboard specification.

Activate PWM Control

In the mainboard BIOS, you can activate and configure the PWM fan speed. Please note the examples below are for reference only. Refer to your mainboard manual regarding the settings in your BIOS.

ASRock FM2A85X-ITX (UEFI Setup Utility)

H/W Monitor > CPU_FAN1 Setting > Silent Mode

CPU_FAN1 Setting

Silent Mode
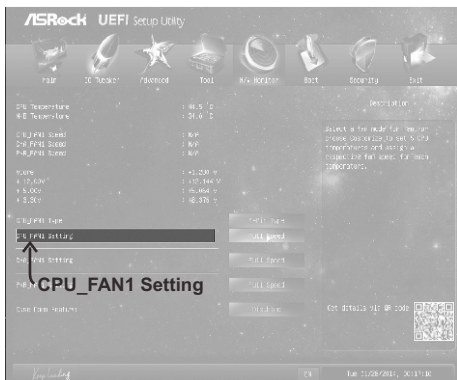
Gigabyte MA78GM-S2H (CMOS Setup Utility)

PC Health Status > CPU Smart FAN Control [Enable]
CPU Smart FAN Mode [Auto]

ASRock H55M/USB 3 P1.40 (BIOS Setup Utility)

H/W Monitor > CPU Fan Setting >
CPU Fan Setting [Automatic mode]

Notes:
- Target Fan Speed [Level 1 - 9]
- At Level 1, the case fan may NOT spin at start up, it
  will spin at a higher CPU temperature.

**JW Technology JW-H55M-PRO V 1.01
(BIOS Setup Utility)**

Power > PC Health Status >
CPU Fan Mode [Manual] Target Fan Speed [0 - 255]

Notes:
- Fan will spin at minimum speed at 40-60.
- Approximate PWM Value would be Target Fan
  Speed /2.5
  e.g. Target Fan Speed 40 ~ PWM Value 16%

ASUS P5G41T-M LX (BIOS Setup Utility)

Power > CPU Q-Fan Control [Enable]
CPU Fan Profile [Silent / Optimal /Performance mode]

Notes:
- The case fan spins slowly at idle for all three mode.

It is also possible to adjust the fan speed in
manual mode to customize according to your
own preference.

⚠ **It is suggested to set the PWM Value at
minimum 15%. Percentage lower than that
may not generate enough motion to spin
the fan.**

Warranty
This ARCTIC product includes a six-year limited warranty. For
further information, please visit warranty.arctic.ac

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