AMDA RADEONPRO Software

Fan Control in AMD Radeon Pro Settings

User Guide

This document is a quick user guide on how to configure GPU fan speed in AMD Radeon™ Pro Settings.



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Table of Contents

Supported Platforms	2
Operating System	.2
Hardware	
Locate Fan Control Settings	3
Fan Speed Configuration	6



Fan Control in AMD Radeon Pro Settings is a feature that will allow the users to increase or adjust the fan speed of one or more GPUs in the system when faced with thermal constraints to avoid issues like thermal-throttling and Improve performance.

This brief user guide will direct the user to locate and configure GPU fan speed from within AMD Radeon Pro Settings.

Supported Platforms

Operating System

- Microsoft Windows® 10 (64-bit)
- Microsoft Windows® 7 (64-bit)

Hardware

Fan Control for AMD Radeon[™] Pro Software is compatible with the following professional graphics products.

AMD Professional Graphics Family Compatibility						
	Radeon™ Pro WX series					
	AMD Radeon™ Pro WX 9100					
	AMD Radeon™ Pro WX 8200					
	AMD Radeon™ Pro WX 7100					
	AMD Radeon™ Pro WX 5100					
	AMD Radeon™ Pro WX 4100					
	AMD Radeon™ Pro WX 3100					
	AMD Radeon™ Pro WX 2100					

Note: Fan Control for AMD Radeon™ Pro Software does not support any mobile graphics products.

Locate Fan Control Settings

After downloading and installing the latest AMD Radeon[™] Pro Software driver on the system, right-click on the desktop screen to see a drop-down menu appear. Click on 'AMD Radeon Pro Settings' to get to open the driver settings which should look like:



Next, click on the top left button '**Applications**' to land to see the settings menu shown in the figure below. Click on the 'Global Settings' button to proceed to the next window.

AM	RADEON PRO ANI	D AMD FIREPRO SET	TINGS			—	□ ×
Viewa	and configure custom graphics setting	s for your applications				more	Ŧ Add
	Global Settings						
	Applications	Video	©⊜ Connect	Display	🎯 System	••• Advanc	ed

The "Global Settings" window will open with "**Global Graphics**" tab selected by default. This can be seen in the figure below with "Global Graphics" highlighted in blue. Click on the "**Global Tuning**" tab to land on the "**Fan Control Settings**".

Global Settings									
		Global Graphics				Global Tur	ning		
Configure graphics settings. Cust	om setting	gs configured in profiles override setti	ngs on th	ne Global Graphics page				more	∷ Res
Anti-aliasing Mode Jse application settings		Anti-aliasing Method Multisampling		Morphological Filtering Off	Anisotropic Filter Use application s			Texture Filtering Quality Standard	
Surface Format Optimization On	•	Wait for Vertical Refresh Off, unless application specifies		OpenGL Triple Buffering Off	Shader Cache AMD optimized		•	Tessellation Mode AMD optimized	
SPU Workload Graphics	~								
Application	26	► Video		Connect	isplay	©∦ Sy	retorm	••• Advan	cod

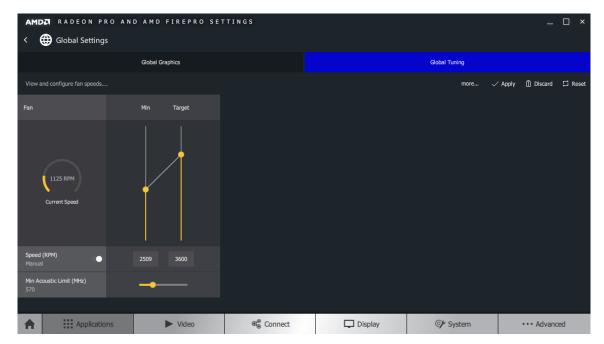
Note: Upon clicking on the "Global Tuning" tab, a warning/disclaimer associated with the use of fan control settings will be shown. The user will only be able to proceed upon clicking "Accept".

AMDZI RADEON PRO	AND AMD FIREPRO	SETTINGS			_ 🗆 ×
< 🌐 Global Settings					
	Global Graphics			Global Tuning	
View and configure fan speeds					more
WARNING: AMD processors are in specifications or outside of factory been directly or indirectly provided damage to your system componen system performance, shortened pro- damages related to use of an AMD system manufacturer. Please make OF OFFICIAL AMD SPECIFICATIONS BOARD OR SYSTEM MANUFACTUR WARNING: The software that has In functions in the operating system, ITEMS IN WHOLE OR PART, YOU N CONSTANTIAL CECLINITY TURPACE	settings, including but not lim I by AMD or otherwise affiliate ts (including your motherboan processor, system component an processor outside of official A sure you have saved all import S OR OUTSIDE OF FACTORY SE VER' S WARRANTY. been directly or indirectly prov drivers and applications, and co AY EXPERIENCE (A) INCREASE	itted to the conducting of over d in any way with AMD), may d and components thereon (e d/or system life and in extrem MD specifications or outside and tata before using this over ITINGS ARE NOT COVERED UI ided by AMD or an entity oth ther system settings; and (2) D RISKS THAT CERTAIN SECU	erclocking (including use of this damage your processor and/or e.g. memory)), system instabilitie e cases, total system failure. Al of factory settings. You may al erclocking software. DAMAGES NDER ANY AMD PRODUCT WAI erwise affiliated with AMD may system services. WHEN THE M.	s overclocking software, even i lead to other problems, incluu es (e.g. data loss and corrupte MD does not provide support so not receive support or servi : CAUSED BY USE OF YOUR AM RRANTY AND MAY NOT BE CO disable or alter: (1) software in ATERIALS ARE USED TO DISABI TION THEREBY EXPOSING YO	f such software has ding but not limited to, d images), reduction in or service for issues or ce from your board or ID PROCESSOR OUTSIDE DVERED BY YOUR NUCLUGING features and LE OR ALTER THESE UR COMPUTER SYSTEM
Applications	► Video	©⊜ Connect	Display	🌮 System	••• Advanced

The "**Global Tuning**" tab contains a number of options related to the "**Fan Control Settings**" that the user can view and configure at will:

- View the current fan speed of the GPU (RPM).
- Change the speed configuration from "Automatic" to "Manual".
- Manually set the minimum speed limit using the slider under "Min".
- Manually set the target fan speed using the slider under "Target".
- Manually change the Minimum Acoustic Limit for the GPU (MHz).

All of the aforementioned options can be seen in the figure below:



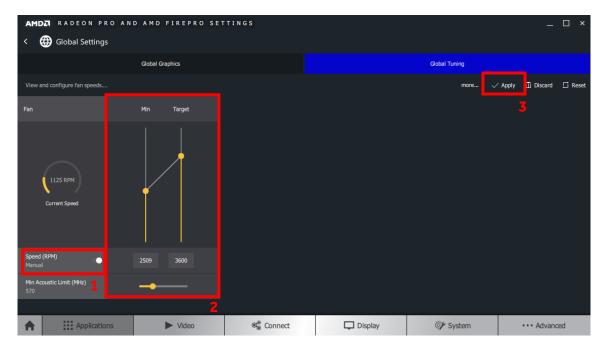
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Note: Exact values for both minimium speed limit and target fan speed can also be entered instead of using the sliders.

Fan Speed Configuration

In the "Global Tuning" Tab, following steps should be followed to manually configure the GPU Fan Speed:

- 1. Left-Click on the "Speed" Toggle to change it from "Automatic" to "Manual".
- After switching to manual configuration, change the "Min" and "Target" slider values to set a desired GPU fan speed.
- 3. Click on the "**Apply**" button on the top right side of the window to apply the changes.



Note: If the system is set-up in a multi-GPU configuration, all the steps should be followed for each GPU individually to configure its fan speed. The user can also set the Minimum Acoustic Limit for each GPU in the same manner.



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08/08/2018

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