

# RADEON TECHNOLOGIES GROUP

## SOFTWARE UPDATE



*Enabling today.  
Inspiring tomorrow.*

Sasa Marinkovic, Software Marketing  
Terry Makedon, Software Strategy

**RADEON TECHNOLOGIES GROUP**  
**RE-DEFINING THE AGE OF IMMERSIVE COMPUTING**

**RADEON  
TECHNOLOGIES  
GROUP**

*visual and accelerated computing innovations*

*graphics industry leader*



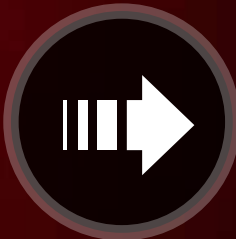
**PRO GRAPHICS**



**IMMERSIVE**



**GAMING**



**PERFORMANCE**



**VR/AR**



**EFFICIENCY**

# AMD ENGINEERING CENTERS



Software as important as hardware

# MAJOR CATALYST MILESTONES



2002



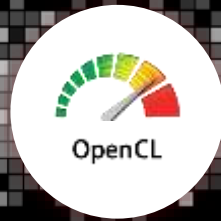
First release of  
ATI Catalyst™

2005



Introduction  
of CrossFire™

2009



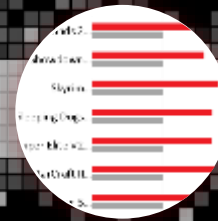
AMD OpenCL™ GPU  
and CPU support

2010



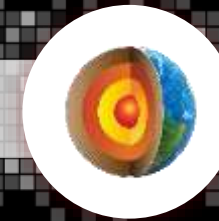
AMD Eyefinity  
technology

2012



Never Settle driver  
performance

2014



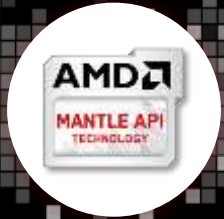
AMD Mantle  
AMD Catalyst™  
Omega driver

2015



AMD  
LiquidVR™  
technology  
Windows® 10

# INFLECTION POINTS



**Mantle API**  
Announced by  
AMD



**DirectX® 12**  
Announced by  
Microsoft®



**Metal**  
Announced by  
Apple



**Vulkan™**  
Announced by  
Khronos Group



**AMD LiquidVR™**  
technology  
announced





**1** **over**  
**BILLION**  
downloads since  
**AMD Catalyst™ launch**



# LEGACY OF AMD CATALYST™ CONTROL CENTER

13 years of enabling amazing user experiences





**EXPERIENCE**  
Enjoyable, Fast, Fun



**DESIGN  
PHILOSOPHY**



**FORM**  
Simple, Powerful, Modern



**FUNCTION**  
Intuitive, Innovative, Interactive



INTRODUCING

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RADEON SOFTWARE  
**CRIMSON**

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# RADEON SOFTWARE NAMING CONVENTION

RADEON SOFTWARE

CRIMSON EDITION

15.11

Name

Major Version  
(2015/2016)

Minor Versions  
Year.Month


REIMAGINED

# RADEON SETTINGS

# REDESIGNED. REFINED. SUPERCHARGED.



Modern User Interface  
simplicity



Intuitive Navigation  
discoverability



10x Faster<sup>1</sup>  
start up time

# RADEON SETTINGS

New Brushed Metal Design

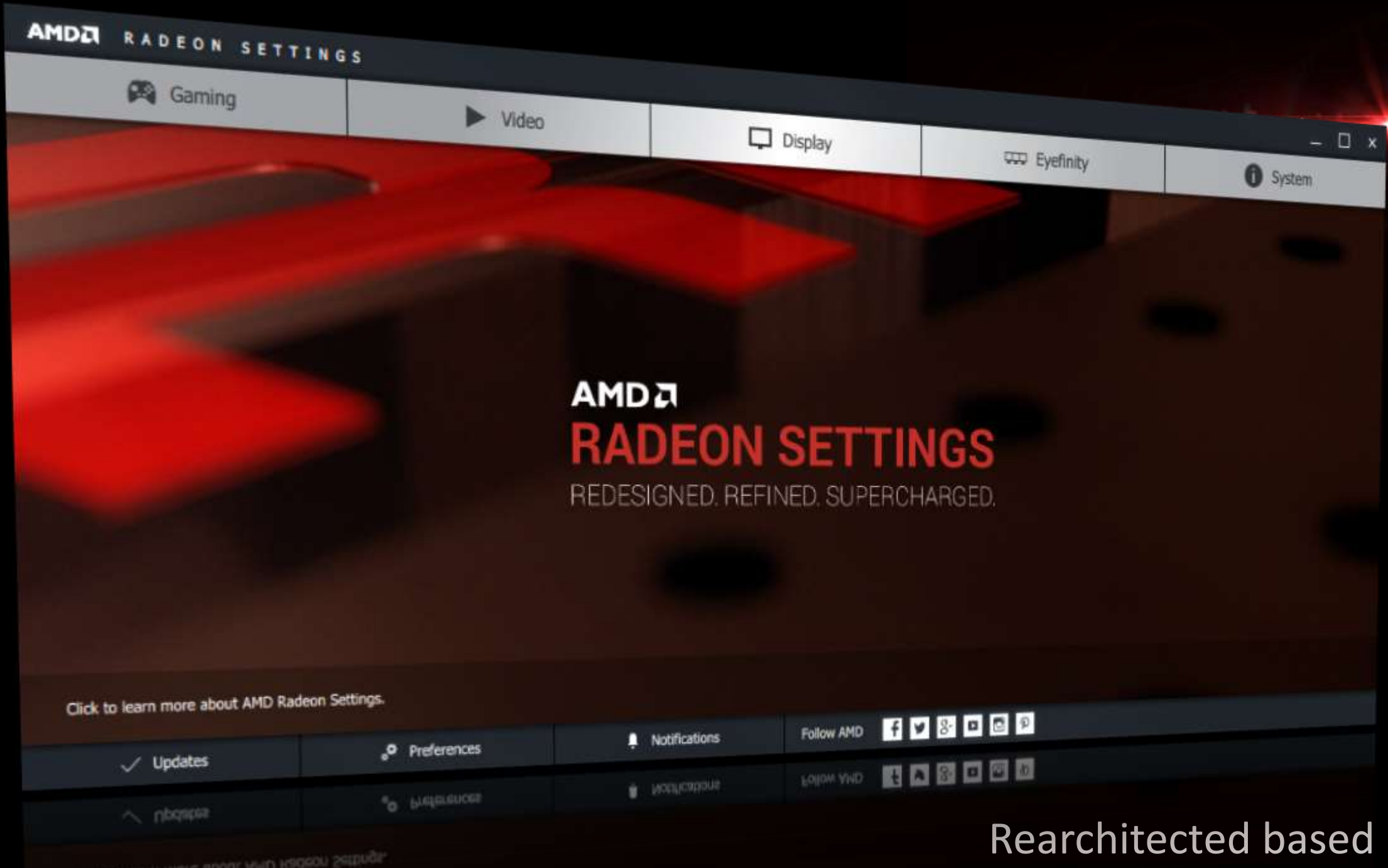
Faster Start up

New and more Intuitive Navigation

New Game Manager

New Overdrive

New Video, Display and AMD Eyefinity technology



Rearchitected based on QT



*RADEON SETTINGS STARTS UP TO 10X FASTER  
THAN AMD CATALYST™ CONTROL CENTER*



Catalyst Control Center  
Start up time

8 Seconds

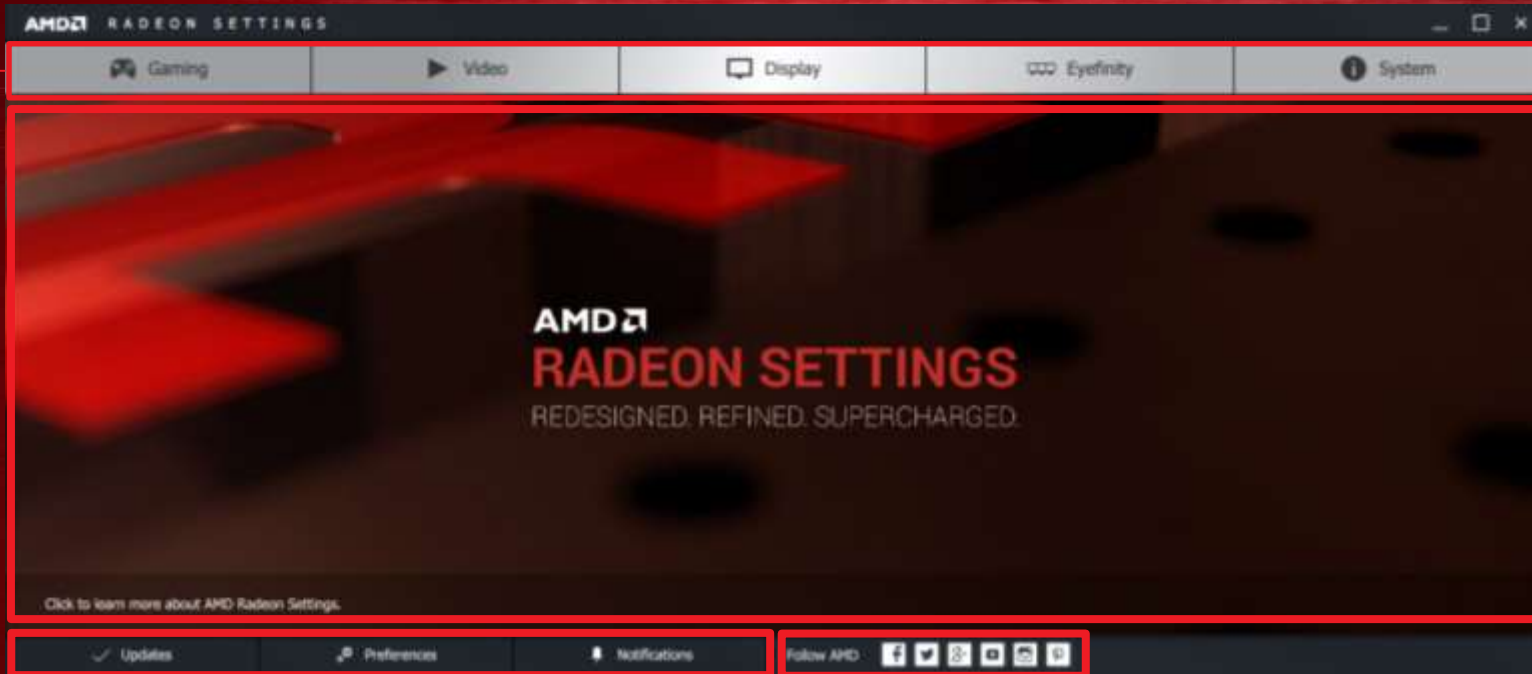
Radeon Settings  
Start up time

0.6 Seconds

# INTUITIVE NAVIGATION



Sections of Radeon Settings



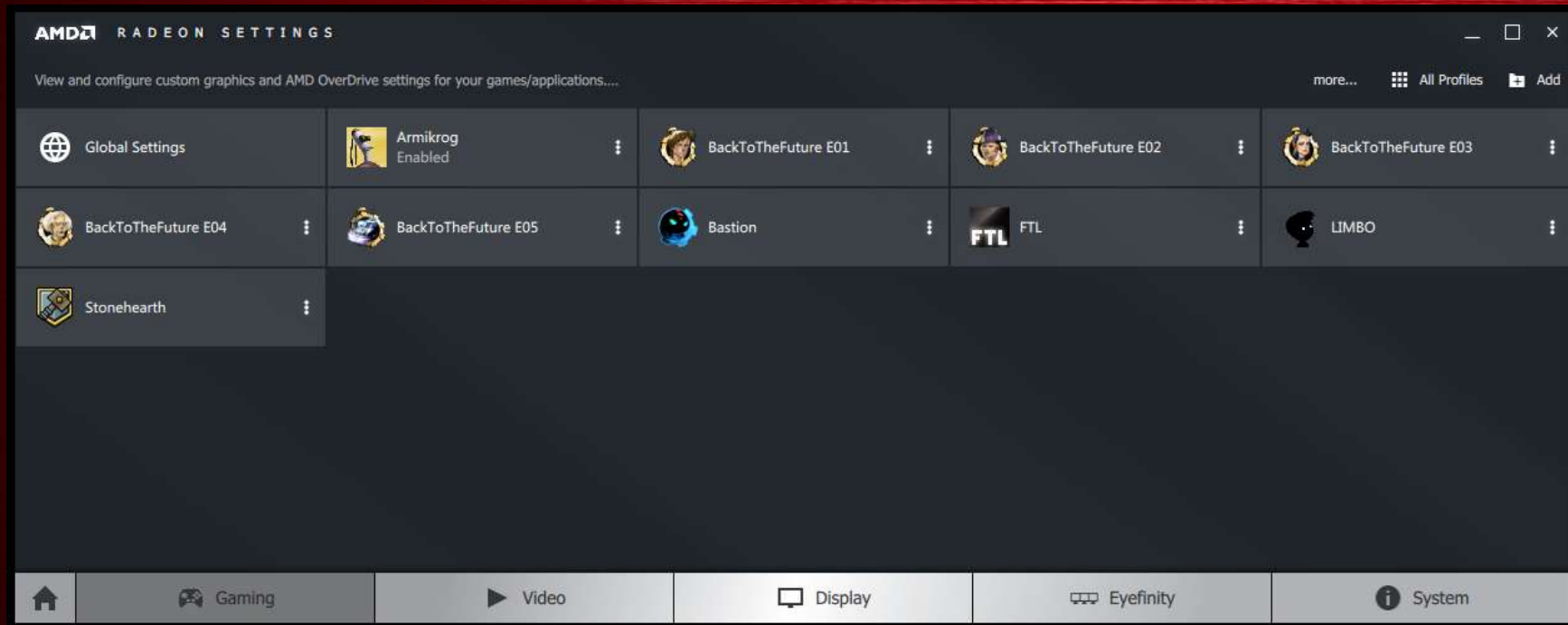
Customer communication space for games, care abouts, latest promotions and more...

Check here for new updates, to configure Radeon Settings and to view your GPU notifications

Social links.

# GAME MANAGER

VIEW AND CONFIGURE YOUR GAMES



View your games on a single screen, enhance each game's graphics settings and overdrive settings and experience the gaming experience you truly want for each unique game.

# GAME MANAGER

## NEW PER GAME CUSTOMIZATION



AMD RADEON SETTINGS

< Bastion

Profile Graphics | Profile OverDrive | Profile Properties

Configure custom graphics settings for this game/application. These settings override the default settings on the Global Graphics page.... [more...](#) [Reset](#)

Anti-aliasing Mode Override application settings	Anti-aliasing Level 2X	Anti-aliasing Filter Standard	Anti-aliasing Method Multisampling	Morphological Filtering Off
Anisotropic Filtering Mode Use application settings	Texture Filtering Quality High	Surface Format Optimization On	Wait for Vertical Refresh Off, unless application specifies	OpenGL Triple Buffering Off
Tessellation Mode AMD optimized				
Frame Rate Target Control 200 FPS				

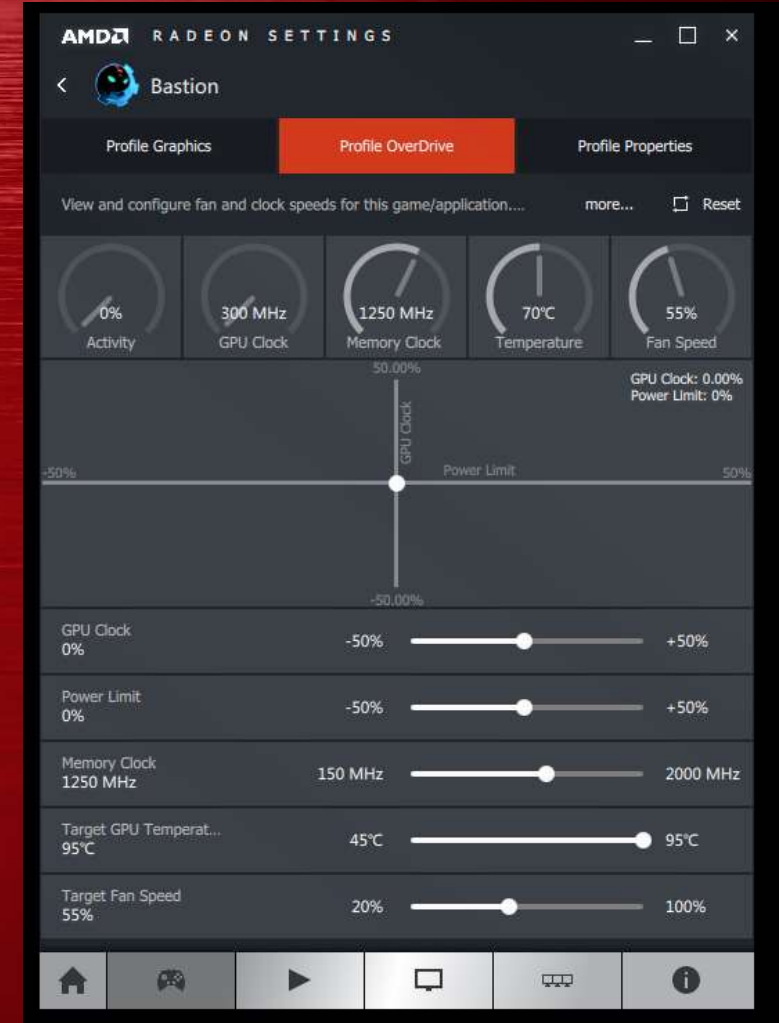
Home | Gaming | Video | Display | Eyefinity | System

# OVERDRIVE

OVERCLOCKING\* PER GAME LIKE NEVER BEFORE



Configure unique overclock settings for each of your games. Now each game will launch with it's own unique complete configuration.

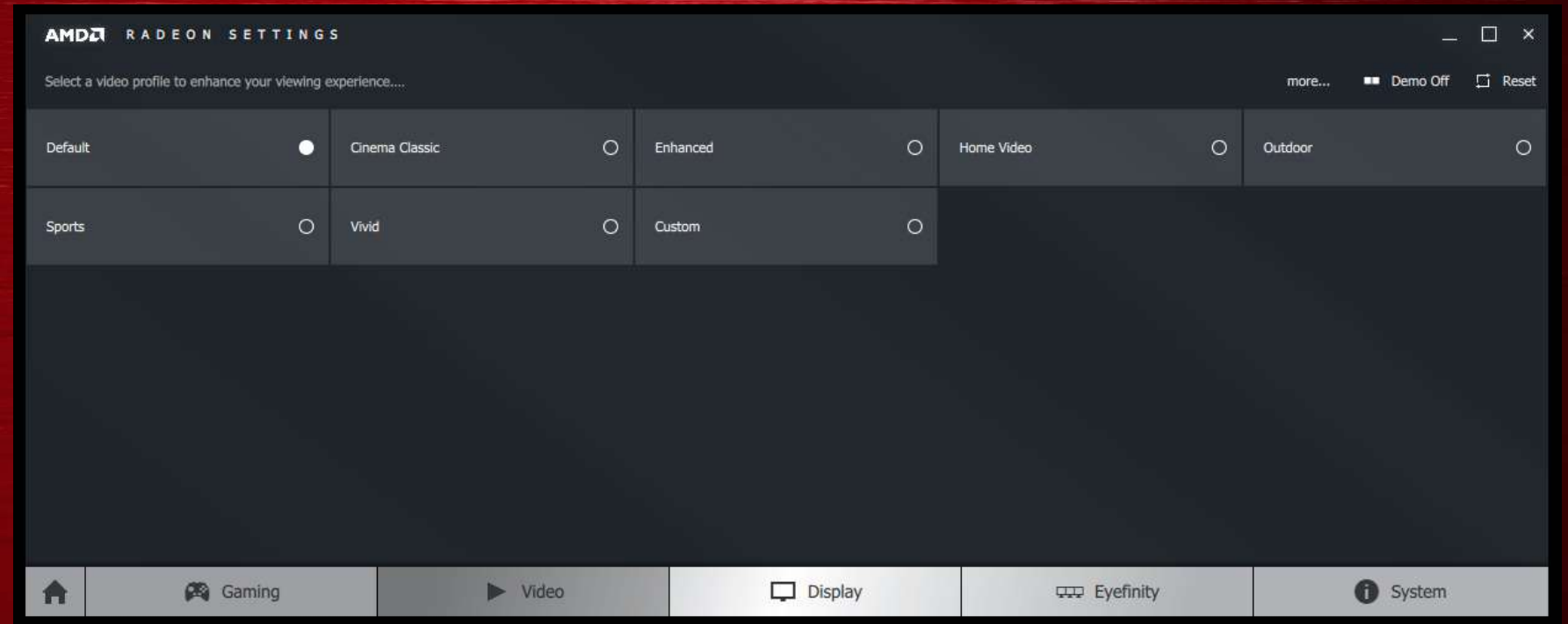


# VIDEO

## OPTIMIZED VIDEO PROFILES

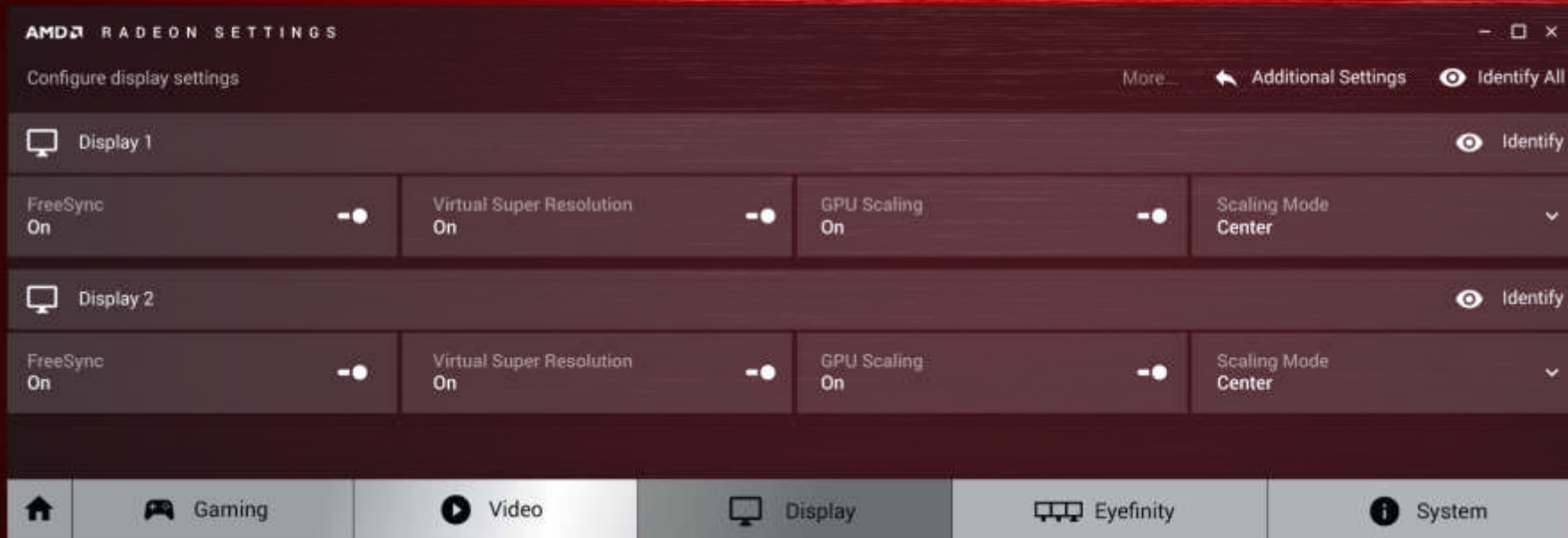


Several optimized video profiles allow you to customize your video experience with ease and simplicity.



# DISPLAY

ENHANCE YOUR DISPLAY GAMING EXPERIENCE



Configure each display by enabling AMD FreeSync™ technology, Virtual Super Resolution and GPU Scaling and witness true gaming.

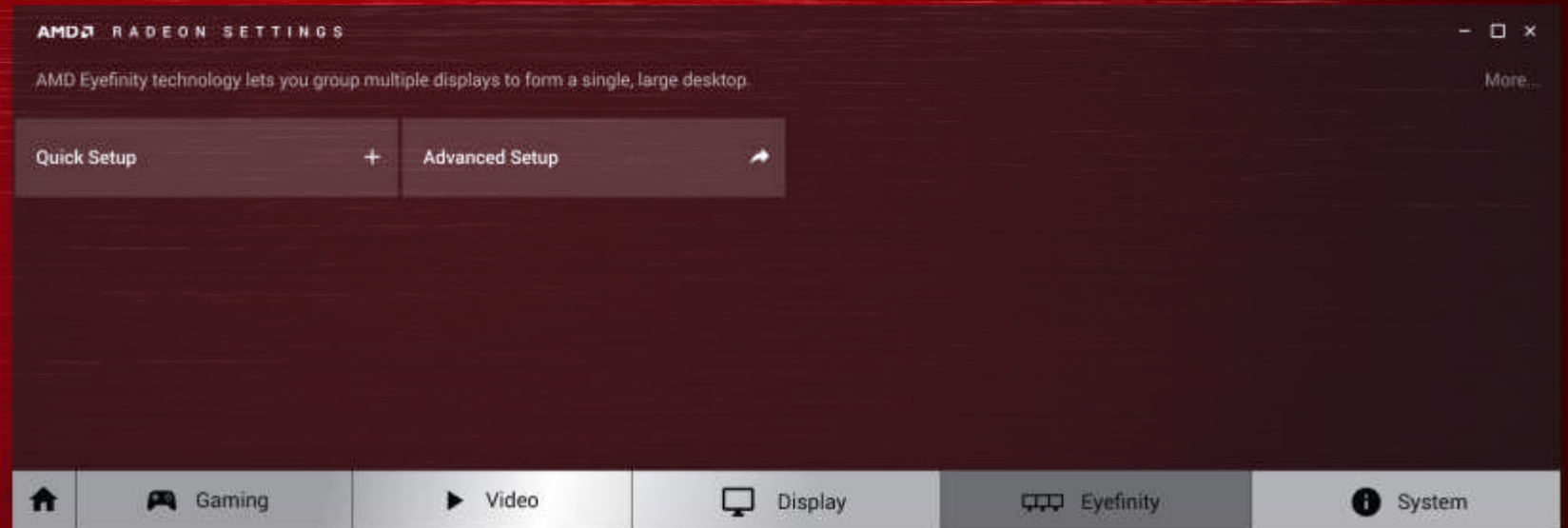
FreeSync is an AMD technology designed to eliminate stuttering and/or tearing in games and videos by locking a display's refresh rate to the framerate of the graphics card. Requires Monitor, AMD Radeon™ graphics and/or AMD A-Series APU compliant with DisplayPort™ Adaptive-Sync 1.2 (or newer). AMD Catalyst™ driver 15.2 Beta (or newer) required. Adaptive refresh rates vary by display; check with your monitor manufacturer for specific capabilities. Only select AMD Radeon GPUs and A-Series APUs supported; see [www.amd.com/freesync](http://www.amd.com/freesync) for full details. GD-67

# AMD EYEFINITY TECHNOLOGY

SINGLE CLICK EYEFINITY



With AMD Eyefinity technology Quick Setup, in just one click, Radeon Settings will arrange and setup AMD Eyefinity technology for your multi-display gaming experience.



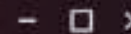


# SYSTEM

THE INFORMATION YOU NEED - ALL IN ONE PLACE



AMD RADEON SETTINGS



Overview

Software

Hardware

An overview of your system information.

Copy All

Radeon Software Version  
15.11

Radeon Software Edition  
Crimson

GPU  
Radeon™ R9 390X

CPU  
AMD A10-5700

Windows Version  
Windows® 10

System Memory  
32 GB

Memory Clock  
600 MHz

GPU Clock  
900 MHz



Gaming

Video

Display

Eyefinity

System

Your key computer information can be found and copied with ease.

TO RECAP

# RADEON settings

New Brushed Metal Design

Faster Start up

New and more Intuitive Navigation

New Game Manager

New Overdrive

New Video, Display and AMD Eyefinity technology

# RADEON SOFTWARE CRIMSON EDITION

**Powerful new UI**

**The art of simplicity.**

**Remarkable Features.**

**Full-blown experience.**

**Powerful Performance**

**Game changing  
efficiency.**

**Seamless Stability.**

**Effortlessly.**

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RADEON SOFTWARE  
**CRIMSON**

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THE BEST IS YET TO COME

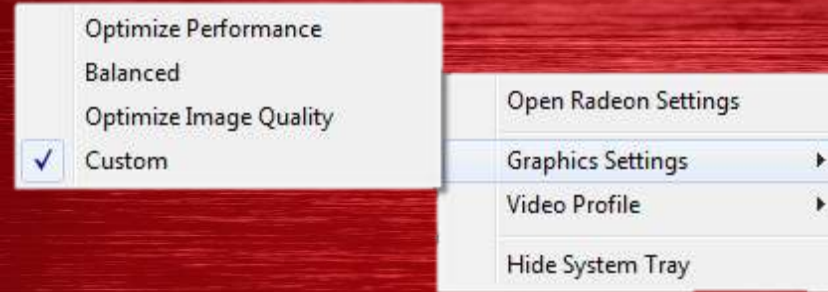
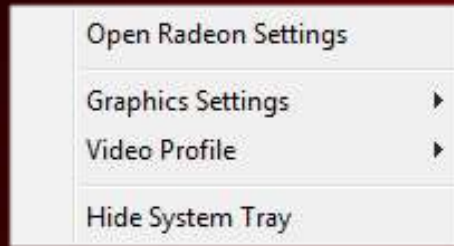
RADEON TECHNOLOGIES GROUP  
**RADEON SOFTWARE**



*Enabling today.  
Inspiring tomorrow.*

**BACK UP**

# IN-DEPTH OVERVIEW: SYSTEM TRAY



## System Tray Menu:

- Launch UI
- Switch Graphic Profiles
- Switch Video Profiles
- Remove System Tray

## Graphic Settings Menu:

- Optimized Performance Profile (High Performance and Low Image Quality)
- Balanced Profile (Good Performance and Good Image Quality)
- Optimized Image Quality Profile (Low Performance and High Image Quality)

## Video Profile Menu:

- Each video profile provides a unique optimized video experience
- Custom, opens up the custom video UI, allowing the user to customize their own profile

# IN-DEPTH OVERVIEW: HOME SCREEN



- Gaming: For all things gaming
- Video: Change video profiles
- Display: Configure display settings
- Eyefinity: Setup AMD Eyefinity technology
- System: System information



- Banner ads:
  - 2 layered ad (logo & background)
  - Banner Text
  - Unique URL

- New Update/Updates: Alert the user of new drivers/software updates
- Preferences: Configure UI Settings
- Notifications: List of AMD notifications

- Twitter: AMD Twitter page
- Instagram: AMD Instagram page
- Google +: AMD Google+ page
- Facebook: AMD Facebook page
- YouTube: Radeon Settings Playlist

# IN-DEPTH OVERVIEW: HOME SCREEN



## UPDATES

Status:

Will indicate either:  
“Your software is up to date.” or “New driver available.”

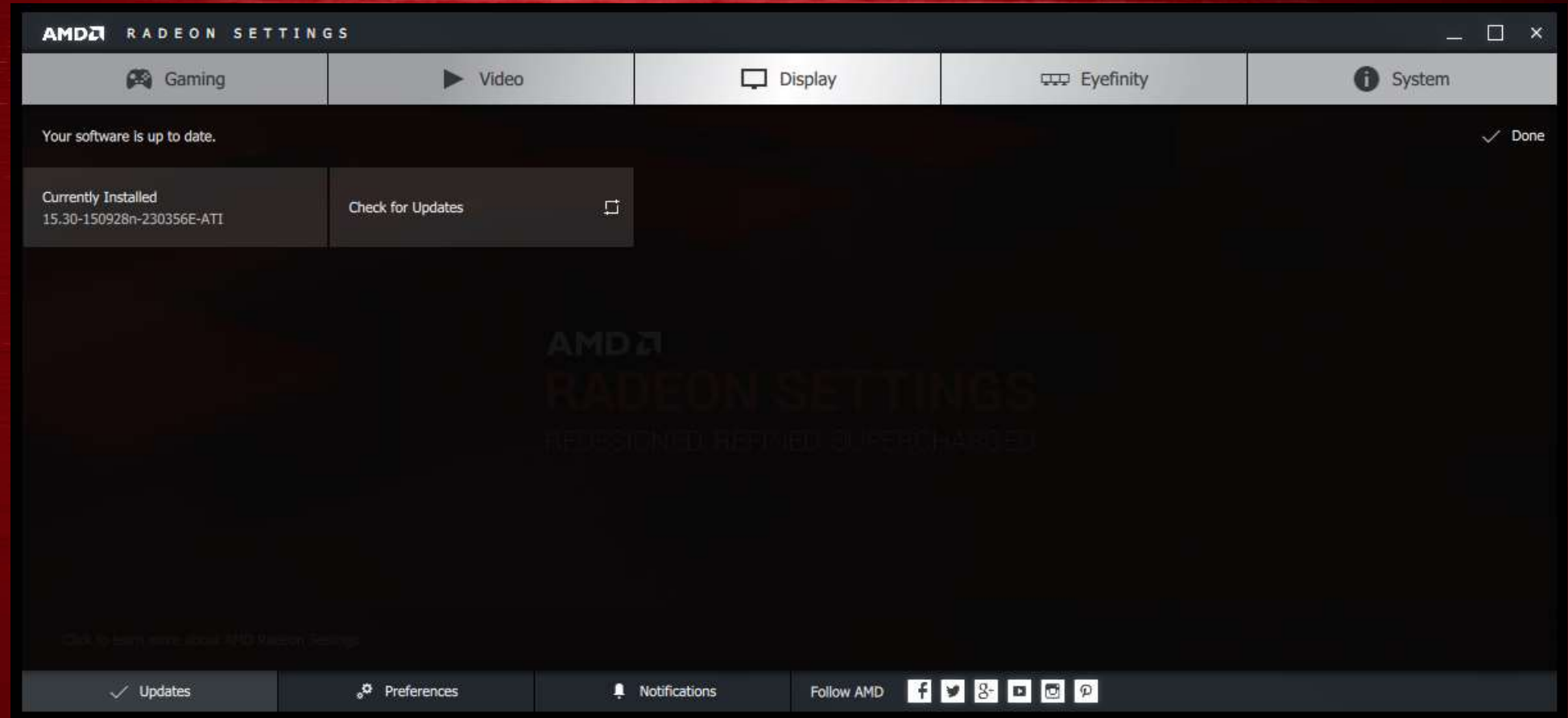
Currently Installed:  
Driver packaging version

Check for Updates:  
Manually checks online for updates

(automatic update detection every 2 weeks)

Done: Closes

Updates overlay





# IN-DEPTH OVERVIEW: HOME SCREEN



## PREFERENCES

Radeon Addition Settings:  
A window for Legacy CCC  
features

System Tray: toggle-able  
and default customizable

Always on Top: toggle-  
able and default  
customizable

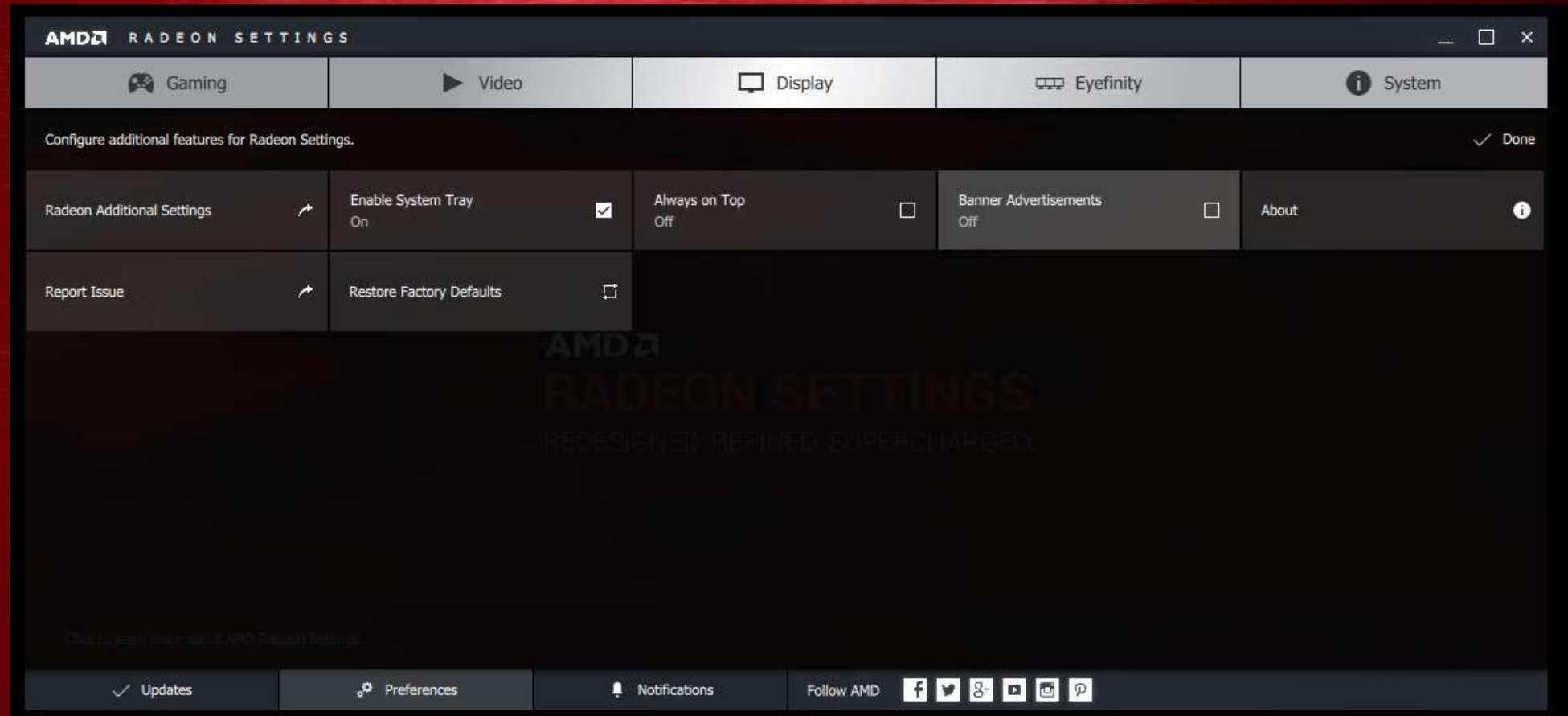
Banner Advertisements:  
toggle-able and default  
customizable

About: Shows Radeon  
Settings details

Report Issue: Opens Web  
UI to report issues

Restore Factory Defaults:  
Restores software to  
factory settings

Done: Closes Preferences  
overlay



# IN-DEPTH OVERVIEW: HOME SCREEN



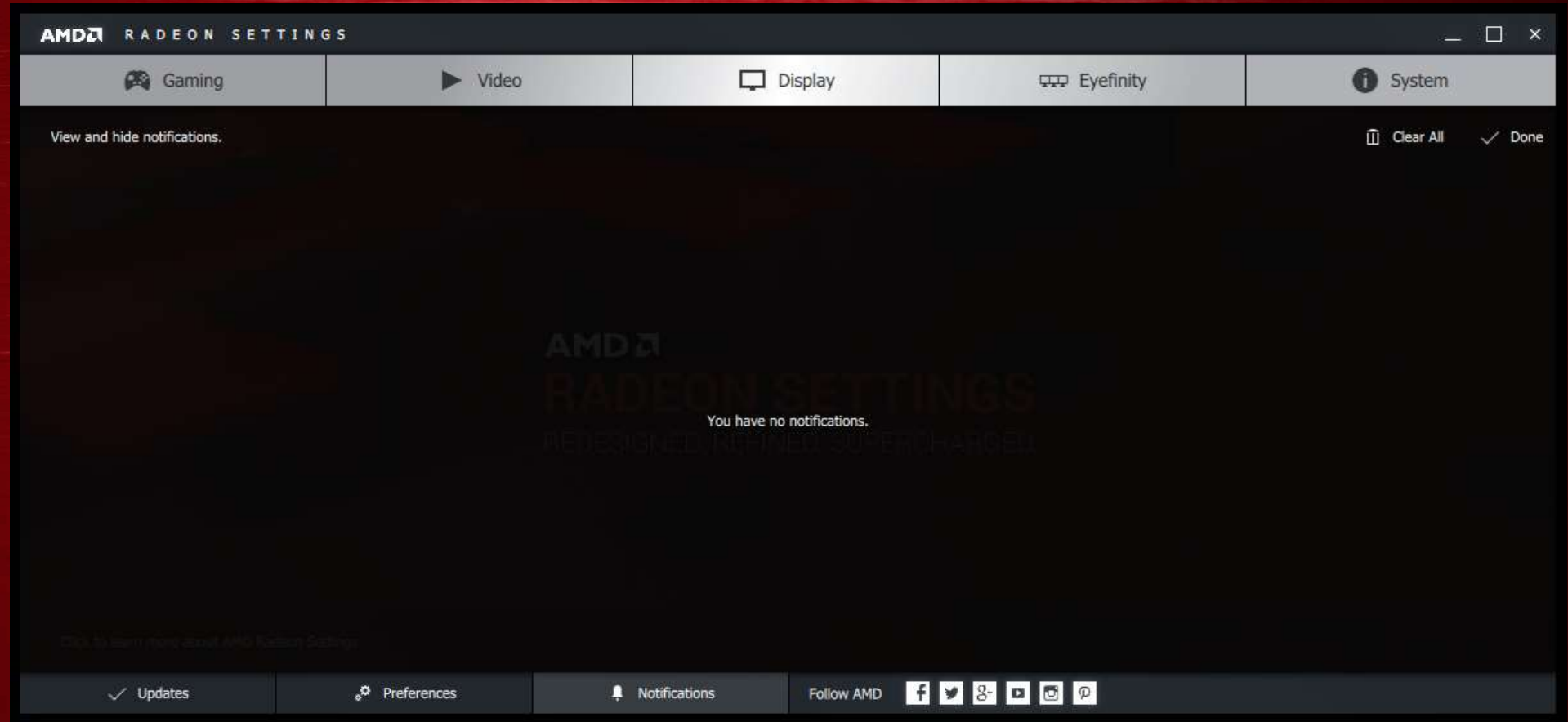
## NOTIFICATIONS

Types of Notifications:

1. Error Notifications
2. General Notifications
3. Marketing Notifications

Clear All: Clears all notifications

Done: Closes Notifications overlay

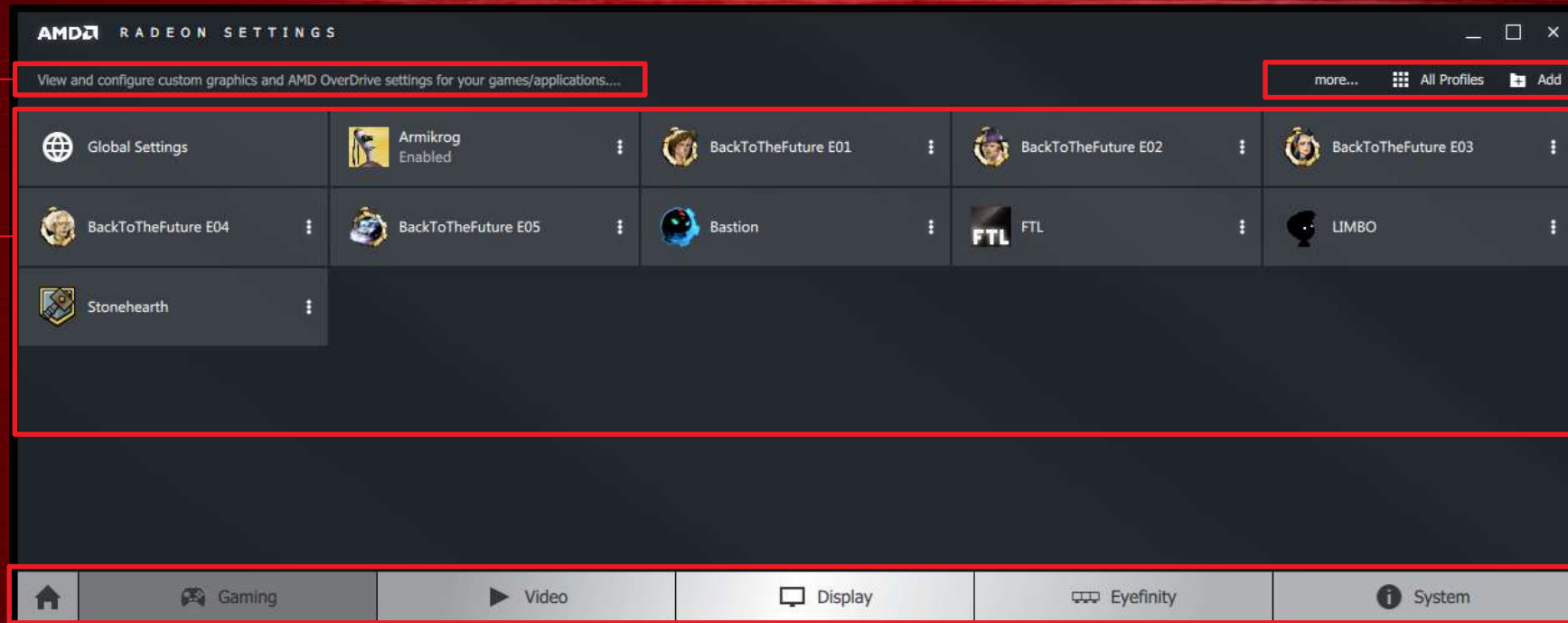


# IN-DEPTH OVERVIEW: GAMING



Section details

List of games/  
applications



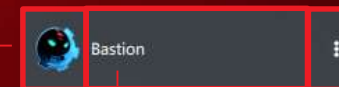
More: provides expanded section details

All Profiles: Reset, enable, and disable all profiles

Add: Scan or browse for games/non-game applications

Main Menu: Accessible to the user on all screens.

Game/Application Icon



Game/Application menu

Game/Application title

# IN-DEPTH OVERVIEW: GAMING



## LIST OF GAMES

Automatic game detection: All games installed on a PC are populated onto the Radeon Settings games list

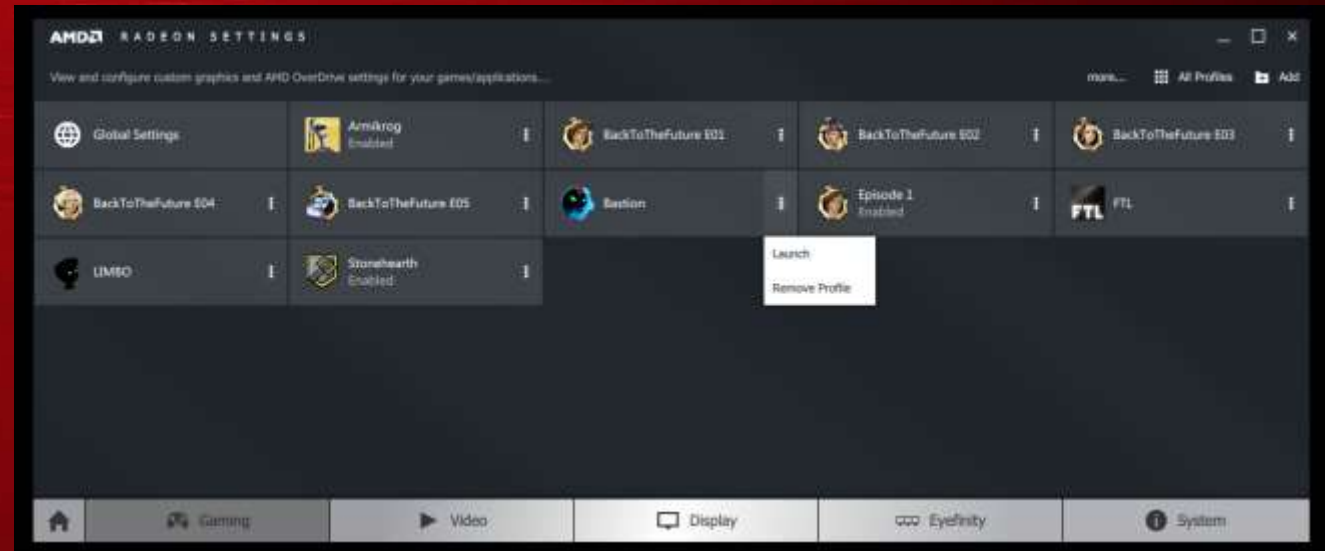
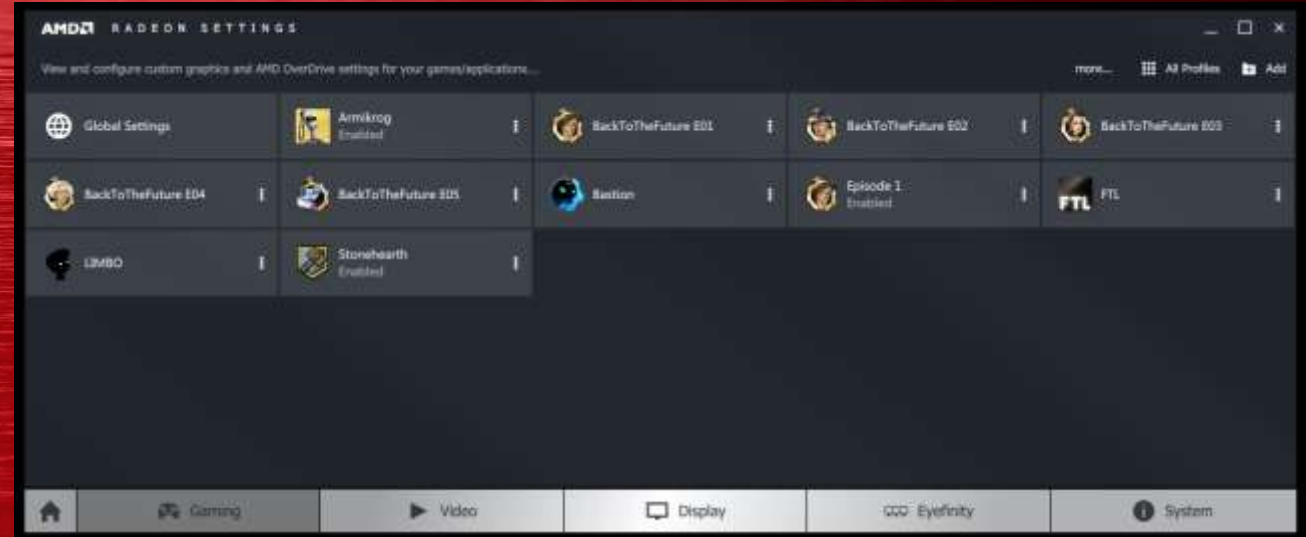
Game/Application: Clicking on a game/application will open up its unique profile

Global Settings: Default graphics settings and overdrive settings

Game/Application menu:

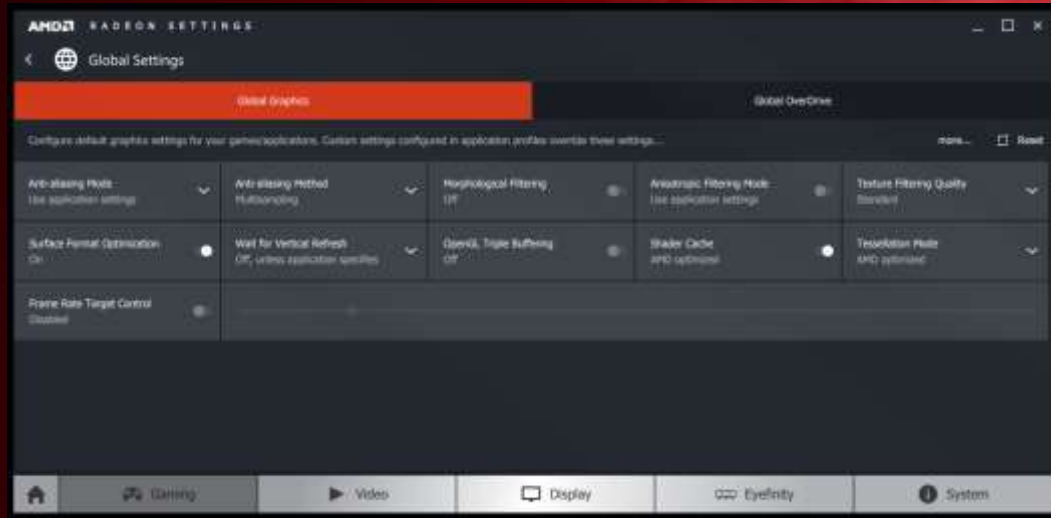
Games/Application that have yet to be customized list includes: Launch and Remove Profile

Games/Application that have been customized list includes: Launch, Disable/Enable, Reset Profile, and Remove Profile.



# IN-DEPTH OVERVIEW: GAMING

## GLOBAL SETTINGS



Global Graphics: Contains all AMD Catalyst™/Radeon Software configuration options plus new features like Shader Cache and Frame Rate Target Control.

Global Settings sets the default graphics configuration for the user's games/applications

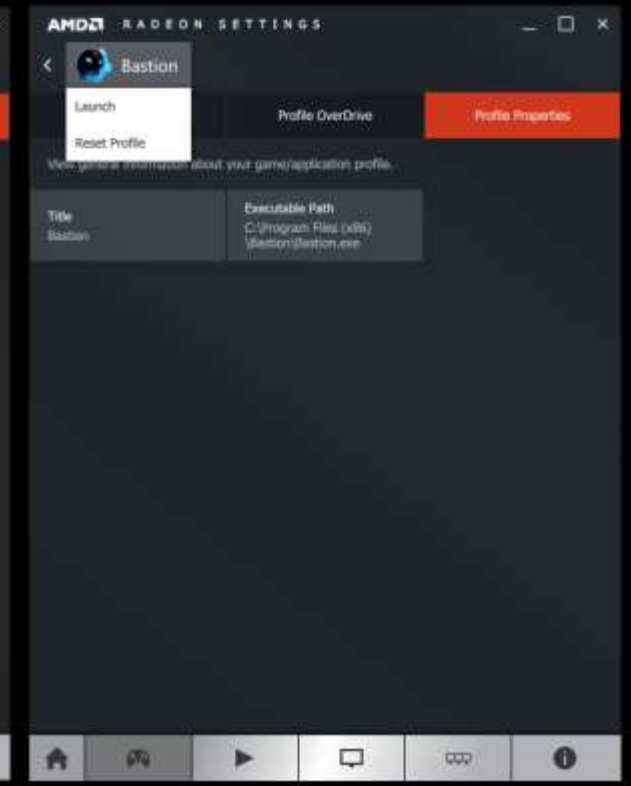
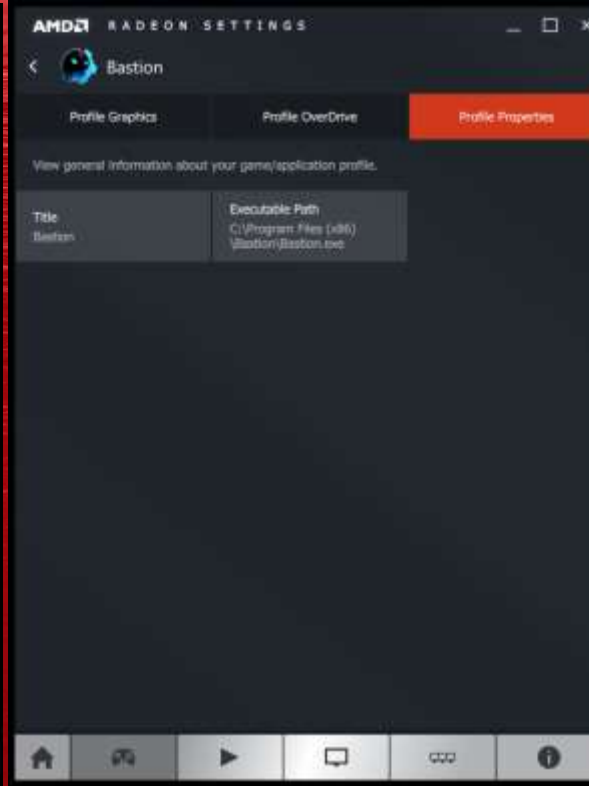
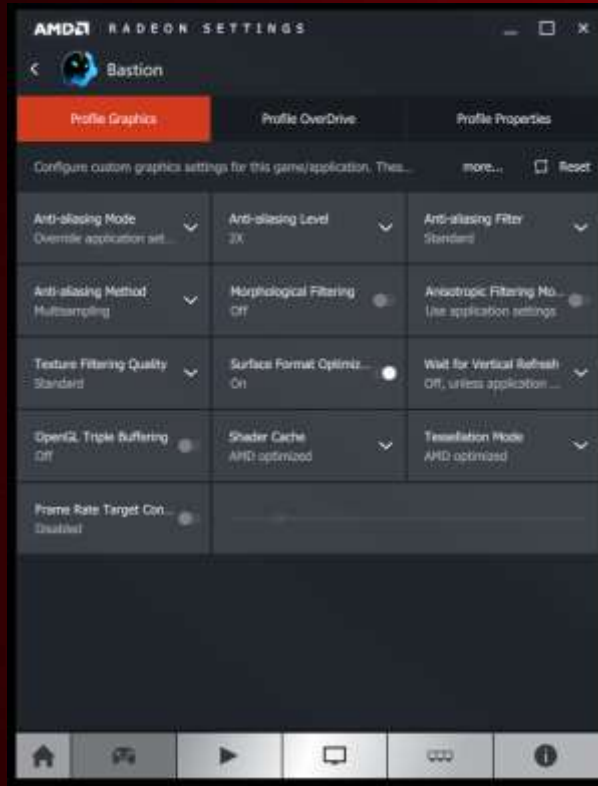


Global Overdrive: Contains all AMD Catalyst™/Radeon Software configuration options for GPU overclocking

Global OverDrive sets the default overclock configuration for the user's games/applications

# IN-DEPTH OVERVIEW: GAMING

## GAME PROFILE



### Profile Graphics:

Contains all AMD Catalyst™ configuration options plus new features like Shader Cache and Frame Rate Target Control.

### Profile Overdrive:

The new profile overdrive allows the user to overclock per game.

### Profile Properties:

Provides details on the game.

### Profile Menu:

Launch the game/application or reset the profile to default settings.

# IN-DEPTH OVERVIEW: VIDEO



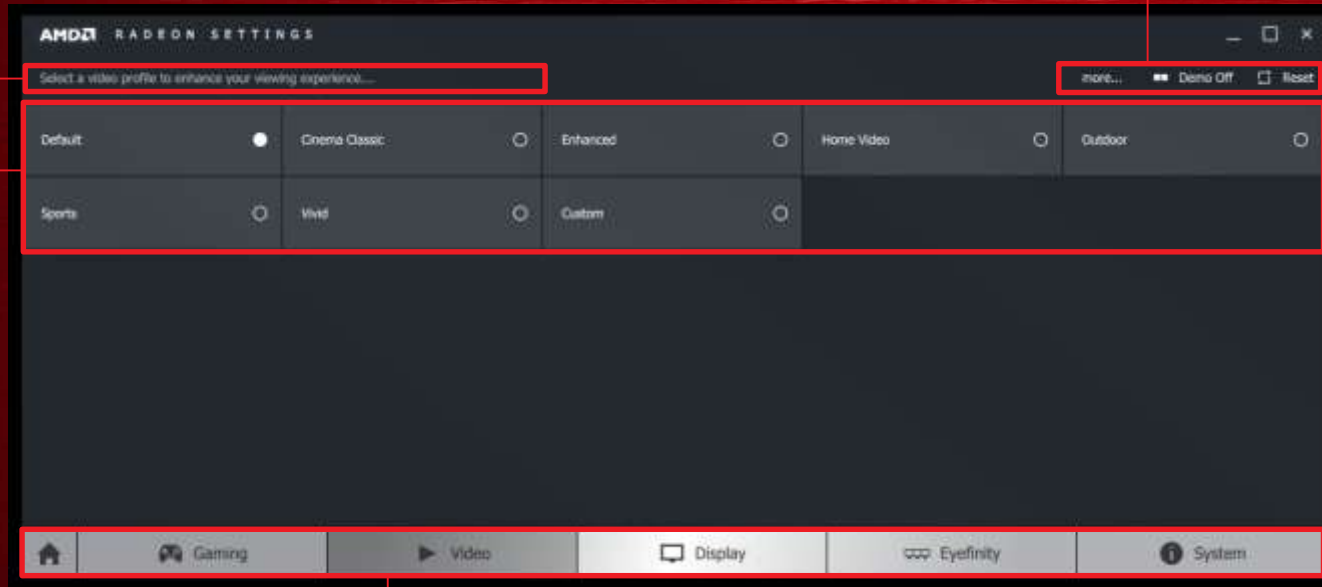
More: provides expanded section details

Demo off/on: Toggles split-screen demo mode

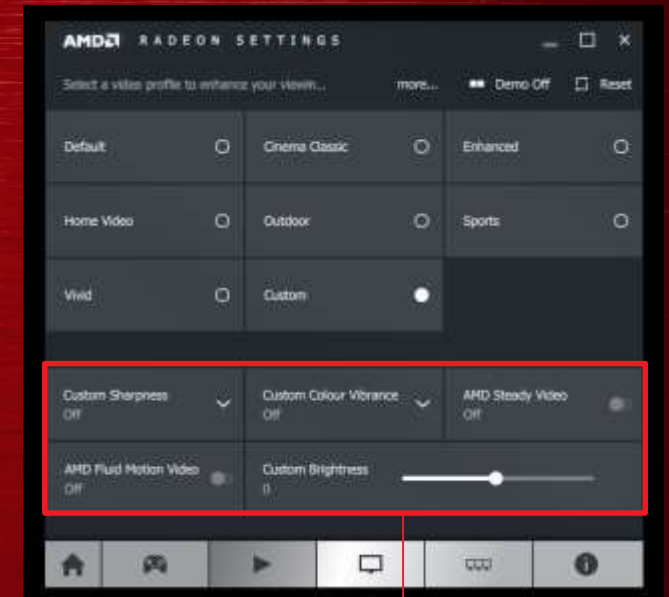
Reset: Resets video settings to their defaults

Section details

List of video profiles



Main Menu: Accessible to the user on all screens.



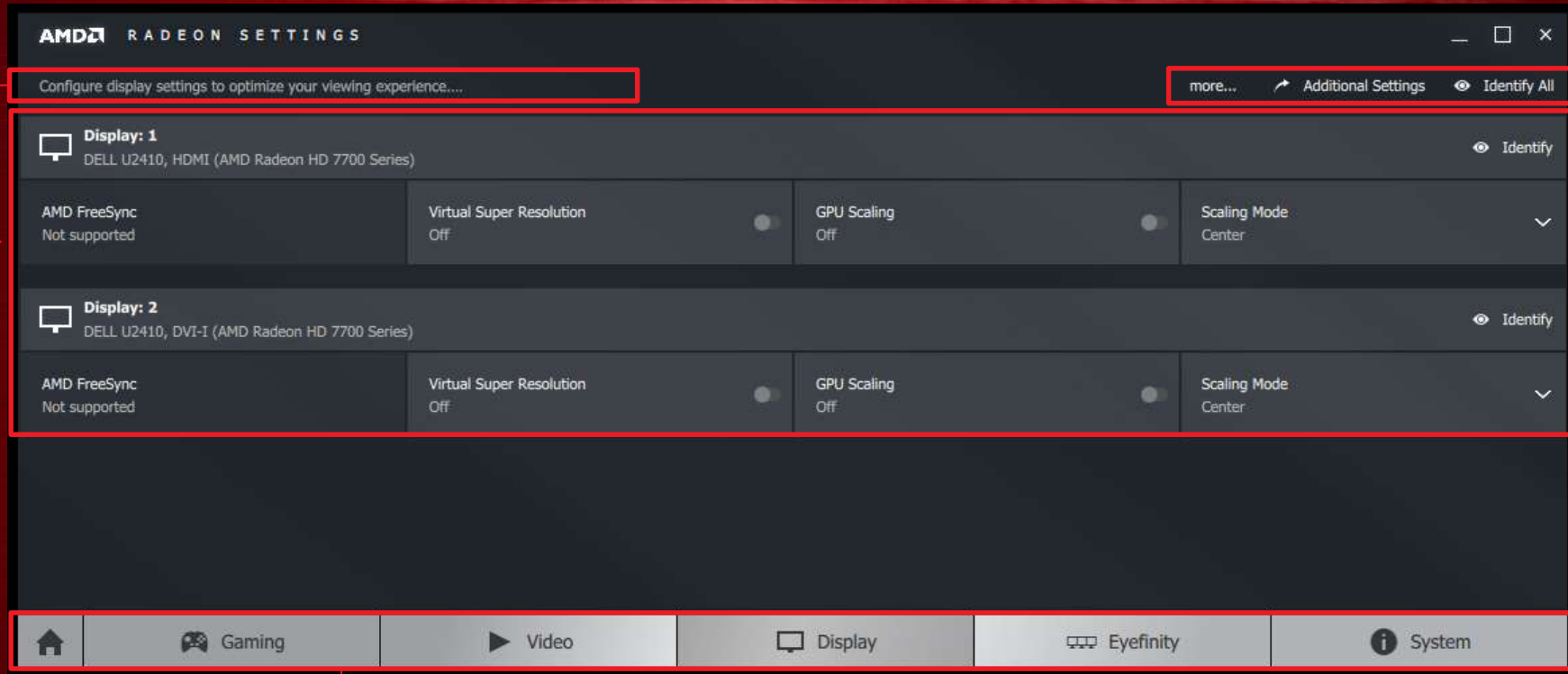
Custom Profile: Custom video profile settings are visible when custom is selected.

# IN-DEPTH OVERVIEW: DISPLAY



Section details

List of displays



More: provides expanded section details

Additional Settings: Opens a window with extra display settings to configure

Identify All: Identifies each monitor with a timed overlay UI

Main Menu: Accessible to the user on all screens.



# IN-DEPTH OVERVIEW: AMD EYEFINITY TECHNOLOGY

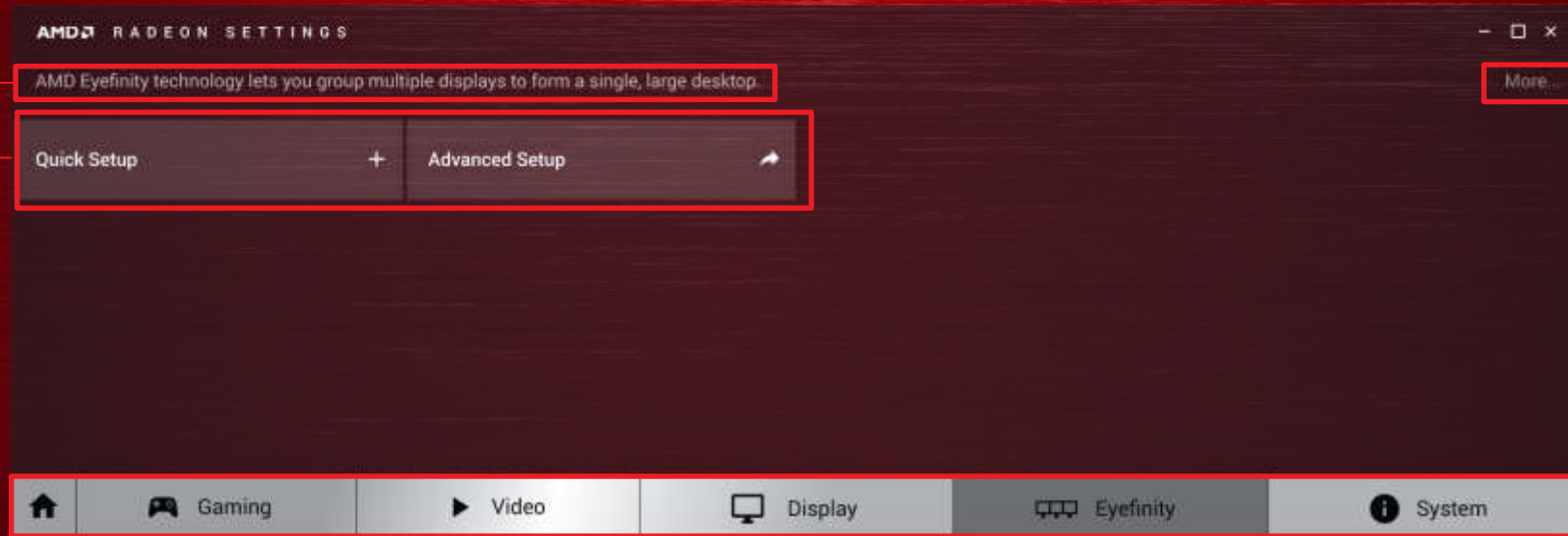


## SINGLE CLICK EYEFINITY

Section details

Quick Setup:  
Single click  
Eyefinity creation

Advanced Setup:  
Opens a window  
with extra  
Eyefinity creation  
options, for more  
advanced cases.



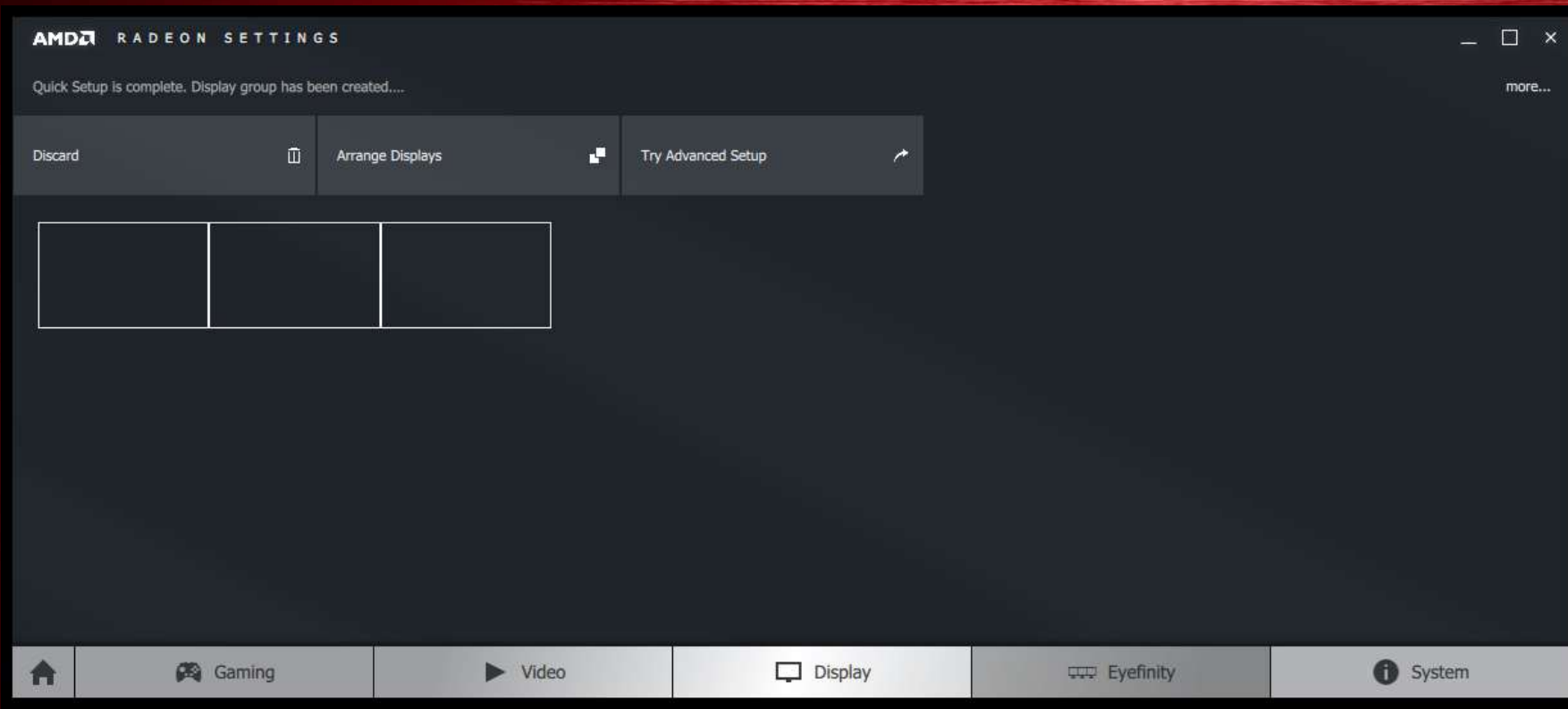
More: provides  
expanded  
section details

Main Menu: Accessible to the user on all screens.

# IN-DEPTH OVERVIEW: AMD EYEFINITY TECHNOLOGY



## SINGLE CLICK AMD EYEFINITY TECHNOLOGY



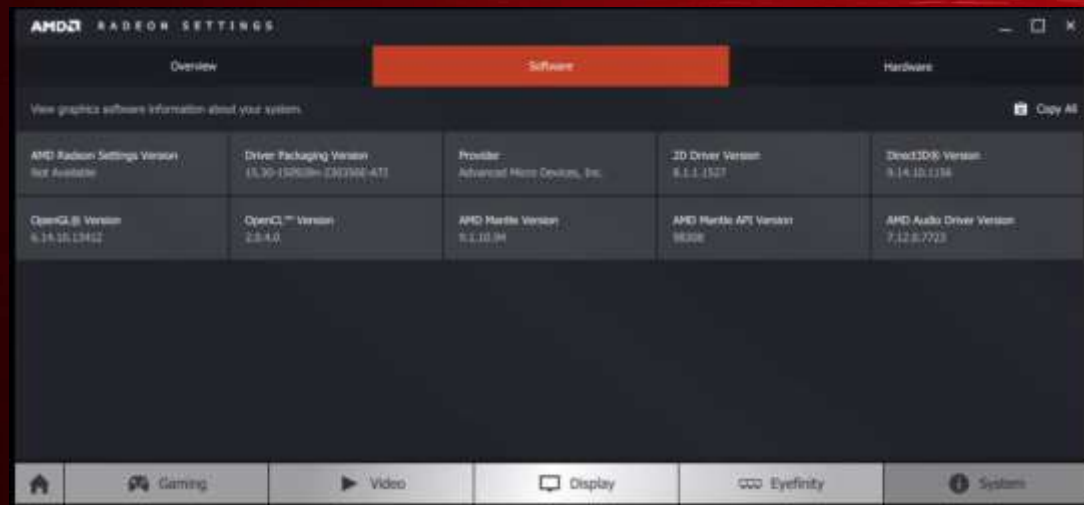
Once Eyefinity is created, the user has the option to discard the Eyefinity display group created, re-arrange the display group (if it wasn't created properly), or try advanced setup if more advanced configuration is required.

# IN-DEPTH OVERVIEW: SYSTEM SYSTEM INFORMATION



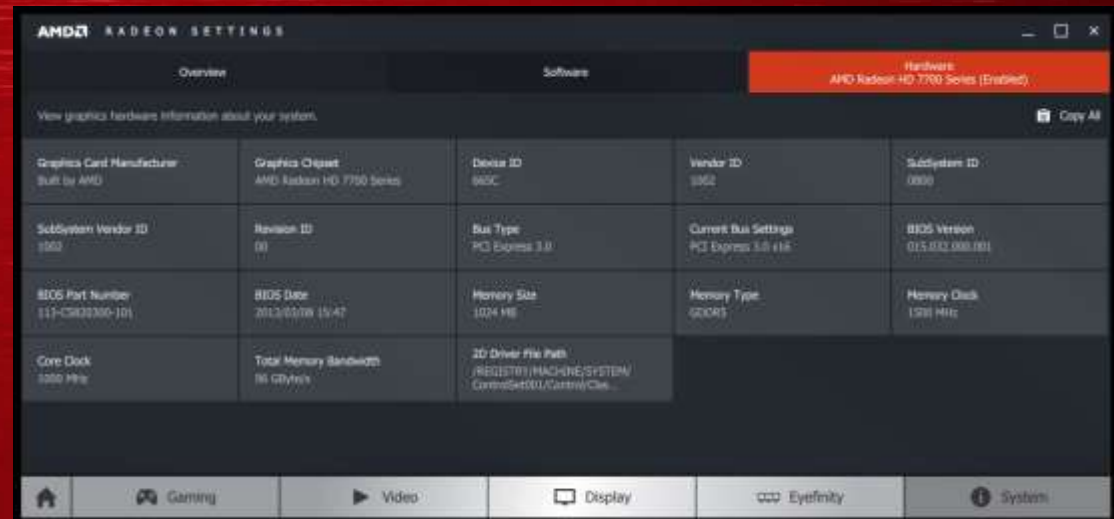
Overview:

The most important information for the user in a single location.



Software:

Key Radeon Software information in a single location.



Hardware (+ Hardware name):

Key hardware information in a single location.

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