

AVENGERS S.H.I.E.L.D. OS Ver. 2.1.0.

First of all, PLEASE READ CAREFULLY:

- In order to use this skin suite, you need at least **Rainmeter 3.2.0. Beta r2318** (September 2014) or above.
- This suite is intended for use in **Windows 7/8** or at least **Vista**, some skins may not work with previous OS, for example the **Volume** and **Sys Launchers** skins won't work in **Windows XP**, however for the **Sys Launchers** skin there's a variant.
Text is also displayed differently if you're using **XP** or **Vista**, since **D2D** font rendering is available starting from **Windows 7**.
- This suite is optimized for **Wi-Fi connection**, especially for Feeds and monitors, if you are not using a Wi-Fi connection some of the graphics and bars are disabled in Wi-Fi and Connections skins.

Use the correct Wi-Fi version:

- If you use the "**Network.ini**" variant but you're using **Windows XP**, then it will always display as "connected", even if you're not. To avoid that, there's a "**Network XP.ini**" variant, use that, instead, the "default" one is for Windows Vista and above. If you're always connected, those skins are updated regularly (depending on the settings and the skin, every 20-30 minutes) If you're connected only for some time, those skins will retain the last informations downloaded, until you connect to internet again. Refresh those skins to update or synchronize the download of the informations.

Use, suggestions and relevant information:

- This skin suite is optimized for the dimension of **1920 x 1080**, if you have another screen size, you can manually position the skins, many of them are customizable, as the launchers, you can change the number as needed in the **Options** skin.
- To avoid any unwanted movement of the skins using the mouse, after positioning them and as a general suggestion, make them not draggable (right mouse click → **Manage skin**) and save your new Layout to restore all as it was before any undesired movement.
- If you want to monitor the **CPU, GPU** and **Disk temperature**, the **CPU** and **System fan speed** (**Sys Monitor** skin) you need **SpeedFan** (see the last page for configuration), available at <http://www.almico.com/sfdownload.php>, but not all motherboards are supported, please verify before you download, install and run the program.
- **Starting from Windows Vista**, if you install a program, the **UAC** (User Account Control) may block the program even if it's safe, since this suite uses some little programs for some specific actions that Rainmeter can't do (**RainFile** and **DiskEject**), if nothing happens when you try to change a file path in **Options** skin, or to remove an USB device in **Time** skin, try this: go to → **Avengers\@Resource\Addons**, open the folders, right mouse click on each ".exe" file → **Properties** → **Compatibility** (second label) → **Run this program as administrator** (last option at the bottom).

IMPORTANT! If you are connected to internet during the skin setup:

Please CONFIGURE RSS FEEDS and WEATHER LOCATION as LAST OPTIONS.

- I made many changes in the **Options** skin to avoid the "Refresh", but there's still a "**Refresh** OF THE ENTIRE SUITE when you **CHANGE** the **LANGUAGE** used in your skins, the **RSS FEEDS** skin is **refreshed** when you **CHANGE** a **LINK** and when you **EDIT ANY OPTION** for the **WEATHER**, there will be a **refresh** of the **WEATHER** skin.
- Now, every change in the **OPTIONS skin**, as program names, folder names, disk letters, username, upload/download max speed, SpeedFan sensors and so on, will update only the skin(s) using the value(s), but be very careful when you make several changes in RSS FEEDS and WEATHER skins, since every change will refresh the skin and you can be **blocked or banned from the site(s)** for the high number of request sent in a little time. For the same reason, you must also be very careful if you change the **Weather Update Rate, 1800 seconds = 30 minutes**, is highly recommended as a minimum.
- Every skin is available in three colors, **Orange**, **Red** and **Blue**, use middle mouse button to change the aspect.

This is an UPDATE of the **S.H.I.E.L.D OS 2.0** skin suite, created/updated by me, <http://www.fonpaolo.deviantart.com>.

- If you are using the previous version **2.0.0**, the installation will overwrite all the existing files, add the new files, new folders, new Layout, however it will save the old files in the @Backup folder.
If you want to be sure to not lose the files you've modified, make a copy of the folders before to install the rmskin package.
- If you are installing this suite for the first time, just run the rmskin package installation and it will install all the necessary files needed, as said above, only SpeedFan will not be installed.

If you are using other skins and you don't want to lose your configuration, save your actual Layout:

→ **Manage Rainmeter** → **Layouts** → **give it a new name and save as a new layout**.

- The original version, 1.2.5, was created by Daelnz, he gave me the permission to merge his great creation and my integration in a single suite, you can find the original at this link:

<http://daelnz.deviantart.com/art/Avengers-S-H-I-E-L-D-OS-Ver-1-2-5-307899210?q=gallery%3Adaelnz&qs=2>

Many thanks to **Daelnz**, to **jsmorley** for all his tips, tricks and suggestions, to all the Rainmeter Team for the help in the forum, to **moshi** for his help and part of the code used in the Feeds reader.

Below, there's a small explanation of every skin with some tips, tricks and precautions to avoid some known issues. When you manage skins (right mouse click on a skin → **Manage skin**), you will find informations with all the characteristics, many other informations are in the **Options** skin, as descriptions or appearing with mouse over an input box as tooltips.

SHIELD Tag 2



Here you can add your Name or Nickname using the whole length of the grey string (limited to **27** letters and/or numbers) or use with "Other Info" (limited to **12** letters using both).

You can change the little image on the right, use an image with a dimension of **32x32** pixels, use any image, but since it's scaled, using a bigger image, the quality may decrease depending on the effective dimension, I suggest you to reduce the image dimension using an image editing software.

If you want, you can display **three letters or numbers** instead of an image (as it's in the movie).

You can also choose if display "**S.H.I.E.L.D. OS**" title or use the **current date** (as it's in the movie). Left mouse click on the round image on the left will open **My Documents** folder, as the original.

As a bonus, there's a second variant, called "**Shield Tag2_Anim**", the difference is that with mouse hover the round image will enable an animation, moving the mouse away will hide and reset it.

You can edit all directly in the **Options** skin (GENERAL section, page 1 GENERAL).

Use middle mouse click to change the color of the skin.

OPTIONS 10



Completely rewritten, size reduced to avoid visualization problems with some screen resolutions, here you can configure everything, subdivided in six pages:

- **General**, subdivided in two pages: **General** and **Web Launchers**
- **Large Launchers**;
- **Small Launchers**, subdivided in two pages: **Launchers 1-5** and **Launchers 6-9**
- **Small Launchers 2**;
- **Folders**, subdivided in two pages: **Folders** and **Folders 1-7**
- **Other**, subdivided in two pages: **System** and **Feeds-Weather**.

Using some skin variants other pages may appear, from **nine to ten** pages in the full configuration.

You can change **Media Player**, for the **Music** skin, from the list of all the available codecs;

You can change **Language** for all the skins (only **English**, **Italian**, **French** and **German** for now);

You can change the **starting day of the month** for the **Calendar** skin from **Sunday** to **Monday**;

You can set for **Network** and **Wi-Fi** skins, the **Max speed** limit for Upload and Download and the option to enable or disable the **counter** for the total time used;

For the **Time** skin (12/24 Hour Clock), you can enable or disable the **disks** from one up to five, set from one up to the three **USB devices** (USB memory stick), set one **CD/DVD** and all the disk letters. Depending on the configuration used, customize the **seven folder links** and the **ten new links** in **Folder 1** and **7** and also configure the links for **Website Launchers**.

ATTENTION: using a CD/DVD device you may experience Rainmeter freezing for some seconds, this is caused by the Time skin, waiting to obtain the CD/DVD data to display the drive icon.

For the **Surveillance** skin you can change **read/write MB/sec** if you are using Hard Disks or Solid State Disks.

You can add or change Username or Other Info in **SHIELD Tag**, display an image or text as right icon and the date or "**S.H.I.E.L.D. OS**" title;

You can also configure the new **Utility** skin launchers with four new folders of your choice.

You can set the application, file or folder path, icon and Name displayed, for **Large Launchers**, **Small Launchers** and **Small Launchers 2**, choose to enable or disable the first launcher of **Large Launchers**, to enable or disable from one, up to five, of the nine launchers in **Small Launchers**;

To launch **Windows 8 Metro/Modern UI apps**, with a **Launcher** skin, use "**Set Default Programs**" app, in "**Set Associations**", at the bottom, copy the program "**protocol**" and add "**://**" at the end.

You can configure **Sys(tem) Monitor** skin with **SpeedFan** (see the last page for configuration), sensor numbers with visual and sound alert settings for CPU, GPU, Hard Disks, CPU and SYS fans; You can adapt **Sys Monitor** skin, disabling some sensors if not used (hard disks and Sys Fan).

You can choose if you want to display the full **CPU** skin or only the core bars;

You can configure **Weather** skin with your location code (data obtained from Weather.com), change update frequency, you can also change the site from where to obtain the data, but be very careful;

You can change the links for **RSS Feed reader**, with the possibility to set how long a Feed page is displayed (in seconds), since it will display the four pages in rotation, default time is 20 seconds.

When you load a different **Time**, **Large** or **Small Launchers** skin, the **Options** skin will be updated automatically to match the corresponding Time, Large or Small skin configuration.

With this skin you can edit all is needed in one place, but all this integration could be a problem if you're using only a few skins of this suite.

The **Options 10 Button** opens/closes the **Options** skin, I have created this button to avoid any unwanted launch on startup or refresh, and it has also given the possibility to freely move the Options skin without affecting the button position.

The color of the button changes when you change it with middle mouse click over the **Options** skin.

OPTIONS 10 Button



SMALL Launchers 9



Added some visual changes, **from five up to nine launchers** for **programs, files** and/or **folders**, mouse over will move down the selected launcher, left mouse click to open the program, file or folder.

Now it has monitoring capability, if you set it to open a file or to launch a program, the launcher will display the text "**PROGR**" or "**DOCUM**" and if you're using the "**Small Launchers 9_M**" variant, when you launch a program using this skin, a little text "**PRG RUN**" is displayed under the corresponding launcher when the program is running and also if the program allows more than one instance running simultaneously, it will display up to four "**PRG RUN**" strings.

ATTENTION: when you use the **Monitoring variant**, a small amount of CPU is used to verify if a program is running.

This may have an impact on computer performance, especially when you use the same variant for the other launchers.

Configurable in the Options skin (SMALL LAUNCHERS section, page 1 and 2).

Use middle mouse click to change the color of the skin.

DATE 2



Added little visual changes from the original, the month and days are automatically translated when you change the language in the **Options** skin (GENERAL section, page 1 GENERAL).

Now there's the option to show or hide the **Calendar** skin simply clicking on the "**Month**" label (a tooltip will appear).

Use middle mouse click to change the color of the skin.

CALENDAR



Completely new, now you can choose the starting day, if **Sunday** or **Monday**, it also displays the **current week number** and **total, day number** and **remaining days** until the end of the year, the current day is highlighted

Depending on the first day of the month, the last days of past month and/or the first days of the next month are displayed with a grey color.

You can change the starting day from **Sunday** to **Monday** and the month and days **translation** in the **Options** skin (GENERAL section, page 1 GENERAL). Show and hide it clicking on "**Month**" label of **Date** skin.

Use middle mouse click to change the color of the skin.

WEATHER



The Weather Channel

To display the weather forecast for the next **three days**, the **actual** conditions and also the weather conditions for **today** or **tonight** (depending if morning, early or late afternoon, evening or late night), with **temperature**, **humidity**, **UV Index**, **probability of rain**, current and today or tonight **wind speed** and **direction**, for the last two, they will only appear if there's a rain probability or when there's some wind.

Mouse over the today or tonight wind icon to show the current wind speed as a tooltip.

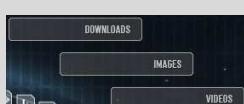
Left mouse click on **Weather** label (the word is translated, so it may vary depending the language) to open <http://www.weather.com> site in your default browser, click on the **City** name to open an **additional window** displaying informations as **latitude**, **longitude**, **current pressure**, **pressure tendency**, **sunrise** and **sunset**, you can leave it always opened or closed, when you close the skin, restart Rainmeter or the computer, it will remember the last choice.

All is customizable in the **Options** skin (OTHER section, page 2 FEEDS-WEATHER).

IMPORTANT: be very careful if you try changes when you're connected to internet.

Use middle mouse click to change the color of the skin.

UTILITY



A new skin with **four folder launchers** for downloaded files, music, videos, images or everything you need and if you haven't had enough of all the already existing folder launchers in this suite, plus a **search bar** and a **Guide** button to have all the instructions about this suite always available.

Use the **SEARCH** bar to find **files** or **programs** in your computer or **anything** in **internet**, using **Google**, **Yahoo** or **Bing**, you can select what search engine to use directly with right mouse click on the Search button, a menu will appear.

To use the search bar, click on the input field or wait two seconds and type, **press Enter to search**.

Click anywhere outside the search bar to close, if you don't want to use it, it's possible to close the search bar even if you have already filled the box with text.

Customize links and names in the **Options** skin (GENERAL section, page 1 GENERAL).

To change the Guide button link and name, if you really want, you have to manually edit the skin.

Use middle mouse click to change the color of the skin.

TIME (12/24 Hour Clock)



Depending on the skin variant chosen, you have the original 12 or 24 hours skin with one disk indicator, or the new 12 or 24 hours with **up to five Hard Disk** indicators (visual and numerical), **three USB** indicators (as the Hard Disk ones but smaller) that will appear when a USB Pen/Disk is connected to the computer and **one CD/DVD**, clicking on the letter will open the corresponding disk/CD/DVD/USB folder, mouse over on the percentual of disk used will display a tooltip with used, free and total disk space.

Modifications to the original on web launchers, the seconds bar is clockwise and the hour bar counts 24 hours (except the original and 12 hours variants).

You can also choose from the standard **7 folder** launchers or the new system, clicking on **folders 1 and 7** you have **10 new links each**, in this case, you can also choose how folders 1 and 7 will be displayed: "**Enable close at launch**" closes automatically with left mouse click on a link, "**Disable close at launch**" stays as is, you must close them manually and in this case you can opt if have one or both launchers always opened or closed, when you close the skin, restart Rainmeter or the computer, it will remember the last configuration.

To safely remove an USB device connected, now you can use right mouse click on the corresponding drive letter.

Everything is settable in the **Options** skin (GENERAL section, page 1 GENERAL and FOLDERS section, page 1 and 2).

The folder 1 and 7 open/close option is directly available in the folder's skin (little rectangle on top).

Use middle mouse click to change the color of the skin.

VOLUME 2



Added some visual changes, it's possible to **change volume rotating the mouse wheel** up or down with mouse over the skin and use the **Mute** function button (the one in the middle).

To restore the volume, when muted, click the Mute button again, click on "+" button or rotate the mouse wheel up.

IMPORTANT: this skin is not available for Windows XP users.

Use middle mouse click to change the color of the skin.

MUSIC PLAYER 2



As the volume skin, it's possible to change volume with mouse over, rotating the mouse wheel up or down or click on the volume bar (below), click on the progress bar to skip thru the current song.

Track informations displayed: **Artist name, Album name and Year of production**, in rotation.

The power button open and close the player, so, choose a playlist, minimize the player and forget about it.

Depending on the variant used, the original, for Windows **XP** or for **7/8**, the player commands are always visible (original), or hidden when the player is not used (both XP and 7/8) and if you use the variant for Windows 7/8, with **11 bands L+R channels music spectrum analyzer**, using AudioLevel plugin, the player commands will appear with mouse over the spectrum analyzer (and hide it).

For the **spectrum analyzer**, you can choose from **five different effects** with right mouse click on the spectrum, a menu will appear. **The AudioLevel plugin is not supported in Windows XP.**

Change player type (and code) in the **Options** skin (GENERAL section, page 1 GENERAL).

Use middle mouse click to change the color of the skin.

FEEDS



Four pages to display **RSS, RDF, ATOM, OPML** messages format, click on the **Page Title label** to open the web page in your browser, click on a **feed** to open the link in your browser, mouse over a feed to show the text as tooltip and depending the feeds structure, it will also display the time and/or date of the last update or when the message, article or news was posted.

Click on a feed to open the corresponding forum/site article on a browser, click on the **FEEDS button** below, on the **FEEDS label** on top or on the **FORUM TITLE** to hide and show the skin.

Since this skin can use many formats, you could find some errors in Rainmeter log, don't worry, this skin reads feeds using all the formats available, so, for example, if a feed is in RSS format, the other formats (RDF, ATOM and OPML) are skipped giving an error message, not matching the format.

To change the feed links, set the pages rotation time and/or enable disable the rotation (when disabled, change the pages manually) use the **Options** skin (OTHER section, page 2 FEEDS-WEATHER) and Change the language translation in the **Options** skin (OTHER section, page 2 FEEDS-WEATHER).

When you start Rainmeter or refresh the skin, the Feeds will appear.

Use middle mouse click on the skin or on the button to change the color of the skin and the button.

The **Feeds Button** opens and closes the **Feeds** skin, it has also given the possibility to freely move the **Feeds** skin without affecting the button position.

FEEDS Button



NOTES



Added some visual changes from the original, **four pages, three** "big" notes in first and second page, **six** notes in third and fourth page, **eighteen** in total, click on one of the four labels on top to jump to another page, click on the **NOTE** label or on the button below to hide and show the skin.

Here you can write all what you want, left mouse click on the rectangle to write or edit the text, **press Enter to save**, fill with spaces to create a new line, you can write a long text but only the text contained in the note dimension is visible.

When you close or restart the skin, Rainmeter or the computer, it will remember the last page selected. When you start Rainmeter or refresh the skin, the notes will appear.

Middle mouse click on the note to highlight it in three colors plus the neutral, every note can have a different color.

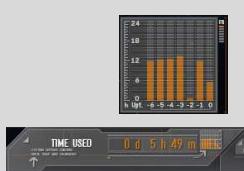
Use middle mouse click on the **Notes button** or also on every part of the skin, notes excluded, to change the color of the skin and the button.

The **Notes Button** opens and closes the **Notes** skin, it has also given the possibility to freely move the Notes skin without affecting the button position.

NOTES Button



SYSTEM UPTIME



Displays the time elapsed from the start of the system, automatically translated changing language in the **Options** skin (GENERAL section).

The new variant "**Uptime2.ini**" has visual changes and now the little graphic on the right is real, displaying the time elapsed in the past six sessions (not days) with six small bars, plus one for the actual (seven in total) and, if the system is running for more than 24 hours, for every day of use a full bar is displayed (up to 7).

You can enable a new window with a detailed view of the bars and, on the right, the total days count with a little bar highlighted for every day of use (up to 7)

With right mouse click (under **custom skin actions**), you can choose if you want to show the new window with mouse over the small graph (as a tooltip) or if you want to show and hide the new window clicking on the small graph.

You can also choose to not display the new window (disabling both options).

IMPORTANT: if you are using **Windows 8 or 8.1**, the system uptime may not be displayed correctly, this is a consequence of the new method of "**Shut down**" used in this version:

With this new method, the system isn't really turned off, it's in a hybrid state where the system is in a sort of hibernation mode and the computer is shut down, in this way the restart is very fast, but the system uptime will not be reset to zero when you turn off your computer.

Only if you "**Restart**" the system, you can reset the system uptime to zero, or, you can use the specific **Shutdown** variant for Windows 8/8.1 users to completely turn off your system (read the complete explanation in the **Shutdown** skin description below).

Use middle mouse click to change the color of the skin.

SHUTDOWN 2



Added some visual changes, you can close, restart the computer or Logoff from the actual session. Automatically translated changing language in the **Options** skin (GENERAL section).

Depending if you are using **Windows XP, Windows Vista, Windows 7** or **Windows 8/8.1**, you can choose between some skin variants:

- if you are using **Windows XP, Windows Vista** or **Windows 7**, you must use the **Shutdown2.ini** variant, loaded as default with the current layout;
- if you are using **Windows 8 or 8.1**, you can use the **Shutdown2_W8.ini** variant (default windows hybrid shutdown mode);
- as last option, if you're using **Windows 8 or 8.1** and the **System Uptime** skin, or if you want to turn off completely your system, you must use the **Shutdown2_W8Off.ini** variant.

Use middle mouse click to change the color of the skin.

RECYCLER



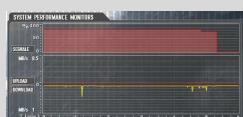
Mouse over to show the number and size of deleted files in B, KB, MB or GB, the little folder will display if it's empty or full, left mouse click to open the Recycle folder, right mouse click to directly empty the bin (**custom skin action**, second voice from the top).

Automatically translated changing language in the **Options** skin (GENERAL section, page 1 GENERAL).

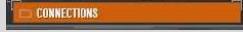
NOTE: if you **manually delete or restore** one or more files, **but not all the files**, the informations will not be updated, it's a known issue with Windows and at the moment there's no solution.

Use middle mouse click to change the color of the skin.

CONNECTIONS



CONNECTIONS Button



Added some visual changes, a window displaying a graphic representation of **Wi-Fi signal strength, upload/download in the last six minutes**.

Click on the corresponding button below to hide and show the skin.

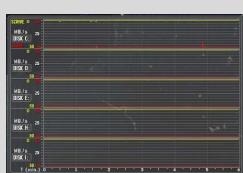
You can change the **maximum Upload/Download speed** (KB/s or MB/s) in the **Options** skin (GENERAL section, page 1 GENERAL).

Added a **title label**, you can show or hide it with right mouse click (under **custom skin actions**).

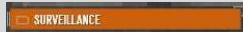
Use middle mouse click on the skin or on the button to change the color of the skin and the button.

The **Connections Button** opens and closes the **Connections** skin, it has also given the possibility to freely move the **Connections** skin without affecting the button position.

SURVEILLANCE



SURVEILLANCE Button



Added some visual changes, a window displaying a graphic representation of **Hard Disks read/write activity in the last six minutes**.

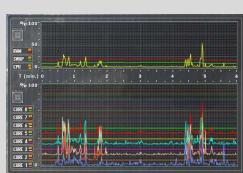
The **number of disks** displayed (also used for the Time skin) and **language** translation are automatically updated when changed in the **Options** skin, (GENERAL section, page 1 GENERAL).

Now it's possible to change the maximum read/write capacity in Mb/sec, to adapt the value ranges when you are using Hard Disks or Solid State Disks, if you use only one disk, leave the second box empty, (GENERAL section, page 1 GENERAL).

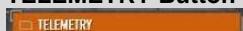
Use middle mouse click on the button to change the color of the button.

The **Surveillance Button** opens and closes the **Surveillance** skin, it has also given the possibility to freely move the **Surveillance** skin without affecting the button position.

TELEMETRY



TELEMETRY Button



Added some visual changes, a window displaying a graphic representation of **CPU (total and single cores), RAM and SWAP usage in the last six minutes**.

For a better interpretation, it's possible to hide every graphic independently and it stays hidden until the corresponding button is clicked another time, even if you hide or show the skin.

Depending on the **number of CPU cores you have**, you can have **one, two, three, four, six and eight cores graphics**, when you configure the number of Cores in the **Options** skin (OTHER section, page 1 SYSTEM), it will automatically display the correct number of core graphics.

Use middle mouse click on the skin or on the button to change the color of the skin and the button.

The **Telemetry Button** opens and closes the **Telemetry** skin, it has also given the possibility to freely move the **Telemetry** skin without affecting the button position.

SYSTEM TOOLS



Six launchers to open some **Windows special folders**.

On the left side:

- **System, Devices and Printers, Network;**

On the right side:

- **Card Reader and external Memories, Administrative Tools, Performance and information Tools.**

Automatically translated changing language in the **Options** skin (General section).

There's a specific variant with similar functions for **Windows XP users**.

SMALL LAUNCHERS 2



Added some visual changes, five launchers for programs, files and/or folders, mouse over will move down the launchers under the selected, left mouse click to open the program, file or folder.

As the Small Launchers 9, now it has monitoring ability, depending if you use it to open a file or to launch a program, it will change the launcher displaying "**PROGR**" or "**DOCUM**" and if you're using the "**Small Launchers 2_M**" variant, when you launch a program with this skin, a little text "**PRG RUN**" is displayed under the name of the corresponding launcher when the program is running.

It's possible to **hide and show the launchers** with left mouse click on the **little round button** placed at the top of the launchers.

ATTENTION: when you use the **Monitoring variant**, a small amount of CPU is used to verify if a program is running.

This may have an impact on computer performance, especially when you use the same variant for the other launchers.

Customizable in the **Options** skin (SMALL LAUNCHERS 2 section).

Use middle mouse click to change the color of the skin.

SYSTEM MONITOR



When **reduced** it will display the temperatures of CPU, motherboard, chipset and GPU (video card), in **full view** it will also display the temperature of Hard Disks, CPU and System Fan speed.

It's possible to set alarms for overheating or fan failure both **visual** and with **sound**, the corresponding meter is highlighted with a blinking red color (OTHER section, page 1 SYSTEM).

At startup, the fan monitors will display (or not) the fan speed, waiting for **SpeedFan**, when it's launched and the skin can obtain the values, the peak levels will be disabled (at zero) to avoid unwanted alarm sounds, this usually requires a few seconds and then all will be displayed correctly.

Click on the **round button** on top left to **change from full to reduced visualization**, when reduced, if an alarm is on, except for the four shown, the button will blink with a red color, the sound is available for all the alarms.

In full view, a peak level signal on the bars will indicate the maximum temperature or fan speed, green if below the alarm threshold, red if it's above, yellow in between, with mouse over CPU, MB1 (and so on) text, will display a tooltip reporting the corresponding maximum temperature, with mouse over CPU or SYS fan text, will display the corresponding maximum and minimum rpm. When you change visualization, from full to reduced, reduced to full, all the peak levels are maintained and When you close or restart the skin, Rainmeter or the computer, it will remember the last configuration.

If you want to use this skin, you need **SpeedFan** (see the last page for configuration). Every sensor number is editable in the **Options** skin (OTHER section, page 1 SYSTEM). As I have experienced, only CPU and SYS fans sensors are always the same.

To add some customization and possibly match your hardware configuration, you can disable some of the sensors in the **Options** skin (OTHER section, page 1 SYSTEM), if not used.

Depending on your units of measurement (Celsius or Fahrenheit), you have to set properly the temperature alarms, the same as used in **SpeedFan**, now they're in **Celsius**, change them in the **Options** skin (OTHER section, page 1 SYSTEM).

Use middle mouse click to change the color of the skin.

CPU (processor)



Added some visual changes, **up to eight bars** showing each core's usage and a simple meter turning around the percentual of the total CPU usage visualization.

Mouse over "CPU" title text to show a tooltip with other informations of CPU and Operating System.

Since not everyone has eight cores, you can load one of the skin variation for **one, two, three, four** (the default ones), or the new **three, four, six and eight cores**, except the new, if you want the total CPU meter, you have to manually load it from the "**CPU Graph**" folder.

You can choose from the **Options** skin if display the **full CPU** skin or only **the core bars**, when the total CPU usage is disabled, the bars will move automatically up to fill the empty space.

Left mouse click on **CPU** image to open **Windows Task Manager**, not available when the **full CPU** is disabled, (OTHER section, page 1 SYSTEM).

Use middle mouse click to change the color of the skin.

SYSTEM RESOURCES



Added some visual changes, a simple meter to display **RAM**, **SWAP memory used** (in percentual and size) plus **battery status**, graphically and numerically, for Laptop and UPS, it will show the battery status, if/or when used.

If there's no battery, no UPS or the UPS isn't controlled by OS (usually with a USB connection), the text "**AC POWER**" will appear (the text will vary changing language).

Mouse over "**RAM**" and "**SWAP**" text to show a tooltip with total and maximum values in MB or GB.

Use middle mouse click to change the color of the skin.

Wi-Fi



Added some visual changes, a simple meter to display **signal intensity**, **upload**, **download**, **ID**, **band**, **protection status**, graphically and numerically, as well as the **total used time** of the Wi-Fi connection.

This skin is optimized for **Windows Vista and above**, if you use **Windows XP**, there's an adapted variant.

If you **don't use a Wi-Fi connection**, maybe a DSL or Network, only the Upload and Download section will work.

In the **Options** skin (GENERAL section, page 1 GENERAL) you can set the maximum Upload/Download speed and also enable/disable the counter.

Refresh the skin if you want to reset the counter.

A peak level signal on the bars will indicate the maximum Upload/Download, mouse over "**Upl.**" And/or "**Dnl.**" text will show a tooltip with Max Upload and Download values in B, KB or MB/s.

Use middle mouse click to change the color of the skin.

LARGE LAUNCHERS 7



Added some visual changes, you can choose to display from six up to seven launchers, for programs, files and/or folders, mouse over will move down the launchers under the selected, left mouse click to open the program, file or folder.

As the Small Launchers 9 and Small Launchers 2, now it has monitoring ability, depending if you use it to open a file or to launch a program, it will change the launcher displaying "**PROGRAM**" or "**DOCUMENT**" and if you're using the "**Large Launchers 7_M**" variant, when you launch a program using this skin, a little text "**PRG RUN**" is displayed under the name of the corresponding launcher when the program is running.

It's possible to hide or show the launchers with left mouse click on the **little round button** placed at the top left of the launchers.

ATTENTION: when you use the **Monitoring variant**, a small amount of CPU is used to verify if a program is running.

This may have an impact on computer performance, especially when you use the same variant for the other launchers.

Customizable in the **Options** skin (LARGE LAUNCHERS section).

Use middle mouse click to change the color of the skin.

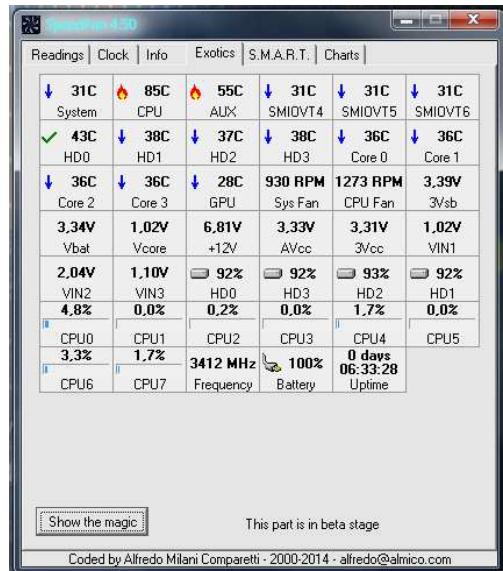
BORDER

Some visual changes, added **1400x900** and **1680x1050** versions, if you want to use the border, you can load it from the corresponding folder, but, to keep memory usage low (after all it's as big as the screen and I have added another layer...) and to avoid some problems with mouse over using skins with transparent parts, if you use an image editing program like **Photoshop** or **Gimp**, one who can handle **psd files** and **layers**, you can load the file from:

Avengers\@Resources\Wallpapers → AVBackdrop.psd

Then add a screen size image of your choice, save and load the new image created as wallpaper.

SPEEDFAN sensor CONFIGURATION GUIDE for the OPTIONS skin setup.



If you want to use **SpeedFan** for the **SYSTEM MONITOR** skin and you need to find the corresponding sensor numbers to obtain the hardware temperatures and fans speed, download it from <http://www.almico.com/sfdownload.php>, install the program, remember to allow the program run on startup or copy the program link in your **Auto run** folder.

After you've done those operations, go to the corresponding system tray icon, open the program window using "**Restore**", go to the **fourth label "Exotics"**, if you find that the window is empty, click on the button below "**Show the magic**" and all the sensors will appear.

ATTENTION: the disposition and total number of sensors displayed may vary depending on your hardware configuration.

Depending on your Motherboard's built-in sensors, number of physical hard disks (not partitions), number of CPU, number of CPU

internal Cores and if your processor has Hyper Threading technology or something comparable, you may have more, or maybe less, sensors displayed in your Exotics window.

The image displayed here is purely indicative and it's only used to visually familiarize with the SpeedFan sensor interface.

To find the correct sensor number, starting from **top left**, as you can see in the above image, you have the **System** temperature sensor **0**, next on the right there is the temperature sensor **1** (CPU, not used, after that, the **AUX** temperature sensor **2**), then, in this case, you have the **Motherboard** temperature sensors, numbers from **3** to **5**, the **Hard Disk** temperature sensors, numbers from **6** to **9**, then the **Core** temperature sensors, numbers from **10** to **13**, the **GPU** temperature sensor **14**, next the **System Fan** and **CPU Fan** sensors **15** and **16**, then you have the CPU Core voltages (sensors not used, numbers from **17** to **25**), Hard Disk status (sensors not used, numbers from **26** to **29**), then every single CPU Core usage (sensors not used, numbers from **31** to **38**), the CPU Frequency (not used, sensor **39**), the battery/UPS charge percentual (not used, sensor **40**) and the System Uptime (not used, sensor **41**).