

# Понятие и назначение сервисных программ

Контрольная работа

«Создание презентация в PowerPoint»

**Выполнил: студент ДОТ  
Протасов Виталий  
Викторович**

№ з/к: ДУПпри -15148

Проверил: к.э.н., доцент Рябов В.П.

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# Сервисные программы

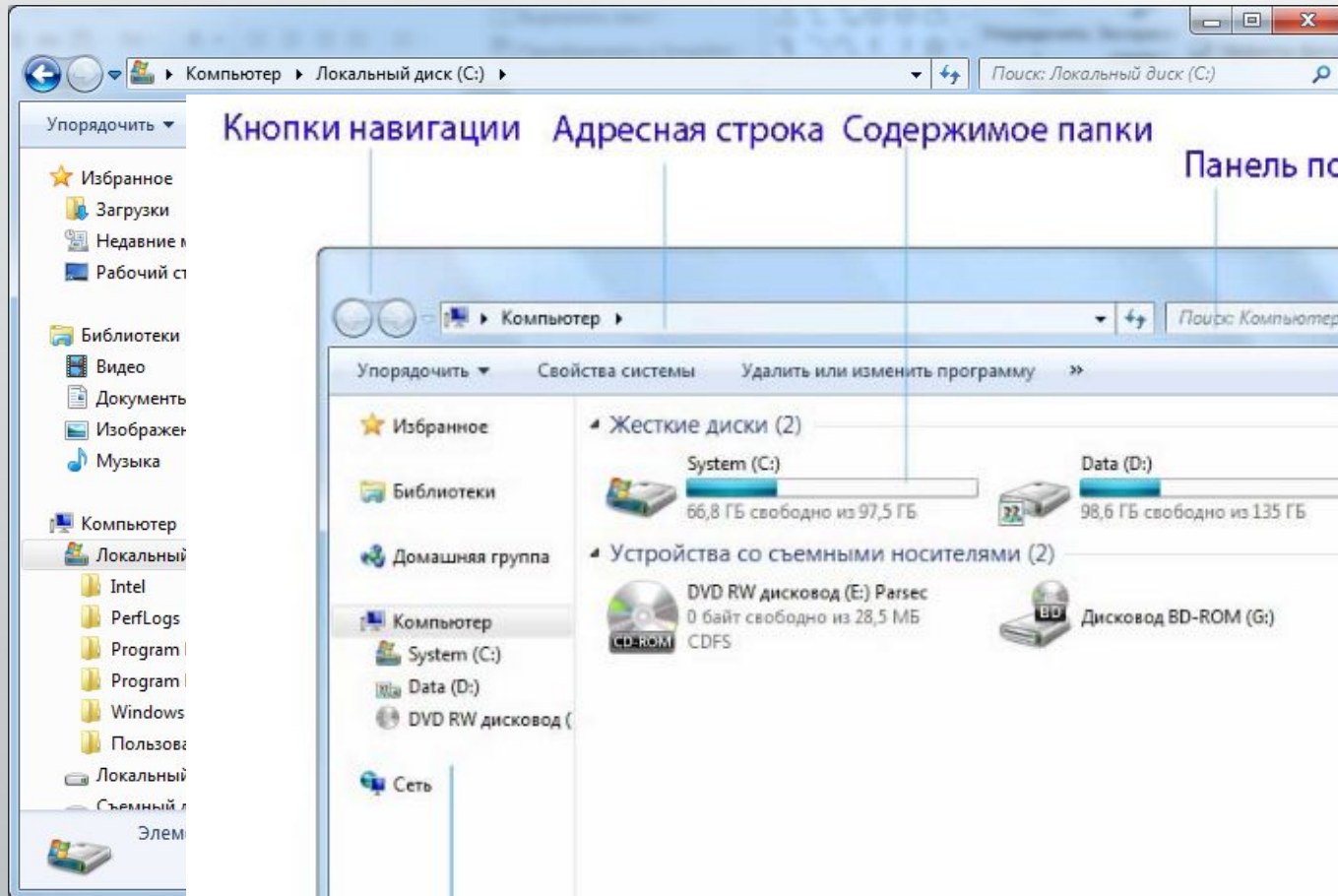
**Сервисная программа** (утилита, utility program) — вспомогательная программа, входящая в состав общего программного обеспечения.

# Файловые менеджеры

- **Файловый менеджер** (англ. *file manager*) — компьютерная программа, предоставляющая интерфейс пользователя для работы с файловой системой и файлами

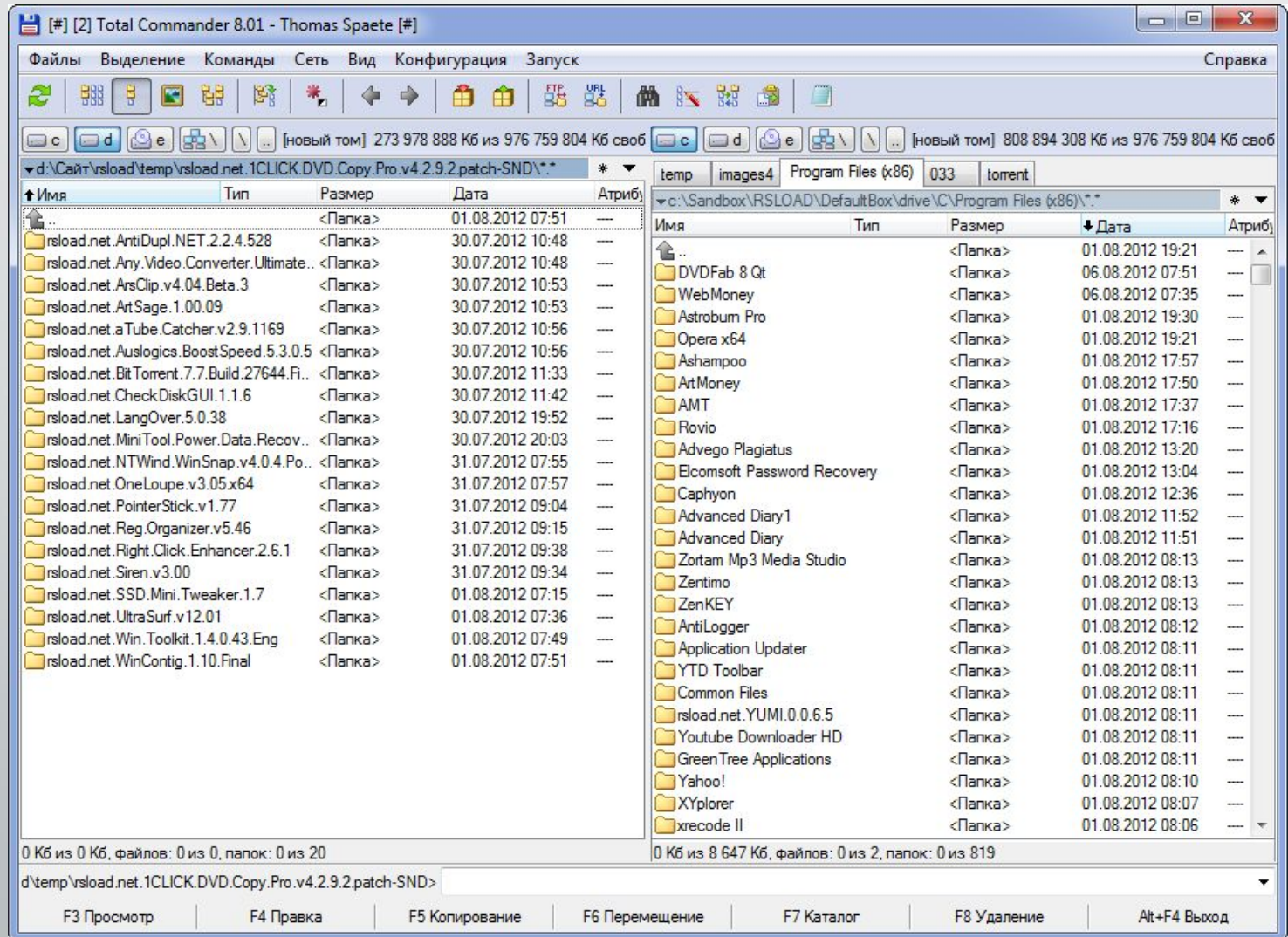


# Проводник Windows



Панель навигации

# TotalCommander



# Far Manager

The screenshot shows the Far Manager interface with a drive selection menu open. The menu lists available drives: C: (fixed), D: (fixed), E: (CD-ROM), F: (CD-ROM), 0: (SEFP), 1: (temporary), 2: (FTP), 3: (network), and 4: (Process list). The '0: SEFP' option is currently selected. The background shows two side-by-side windows displaying file lists for the directory C:\Programfiler\Far. The left window shows files like Register.txt, RestoreSettings.bat, tings.bat, ll.exe, and ll.log. The right window shows files like Register.txt, RestoreSettings.bat, SaveSettings.bat, Uninstall.exe, and uninstall.log. The status bar at the bottom indicates 'Up 14.06.06 18:18' and '1,202,164 bytes in 19 files'. A command line at the bottom shows 'C:\Programfiler\Far>' and a menu with options: 1Left, 2Right, 3View.., 4Edit.., 5Print, 6MkLink, 7Find, 8History, 9Video, 10Tree.

```
C:\Programfiler\Far
n      Name
..
Addons
Do
Pl
C:\
De
Fa
Fa
Fa
Fa
Fa
Fa
Fi
Li
Li
Readme.txt
register.frm
..
Up 14.06.06 18:18
1,202,164 bytes in 19 files

C:\Programfiler\Far
n      Name
..
Addons
Documentation
Plugins
ClearPluginsCache.
Description
Far.exe
Far.ico
Far.Site.txt
FarEng.hlf
FarEng.lng
FarRus.hlf
FarRus.lng
File_id.diz
License.txt
License.xUSSR.txt
Readme.txt
register.frm
..
Up 14.06.06 18:18
1,202,164 bytes in 19 files

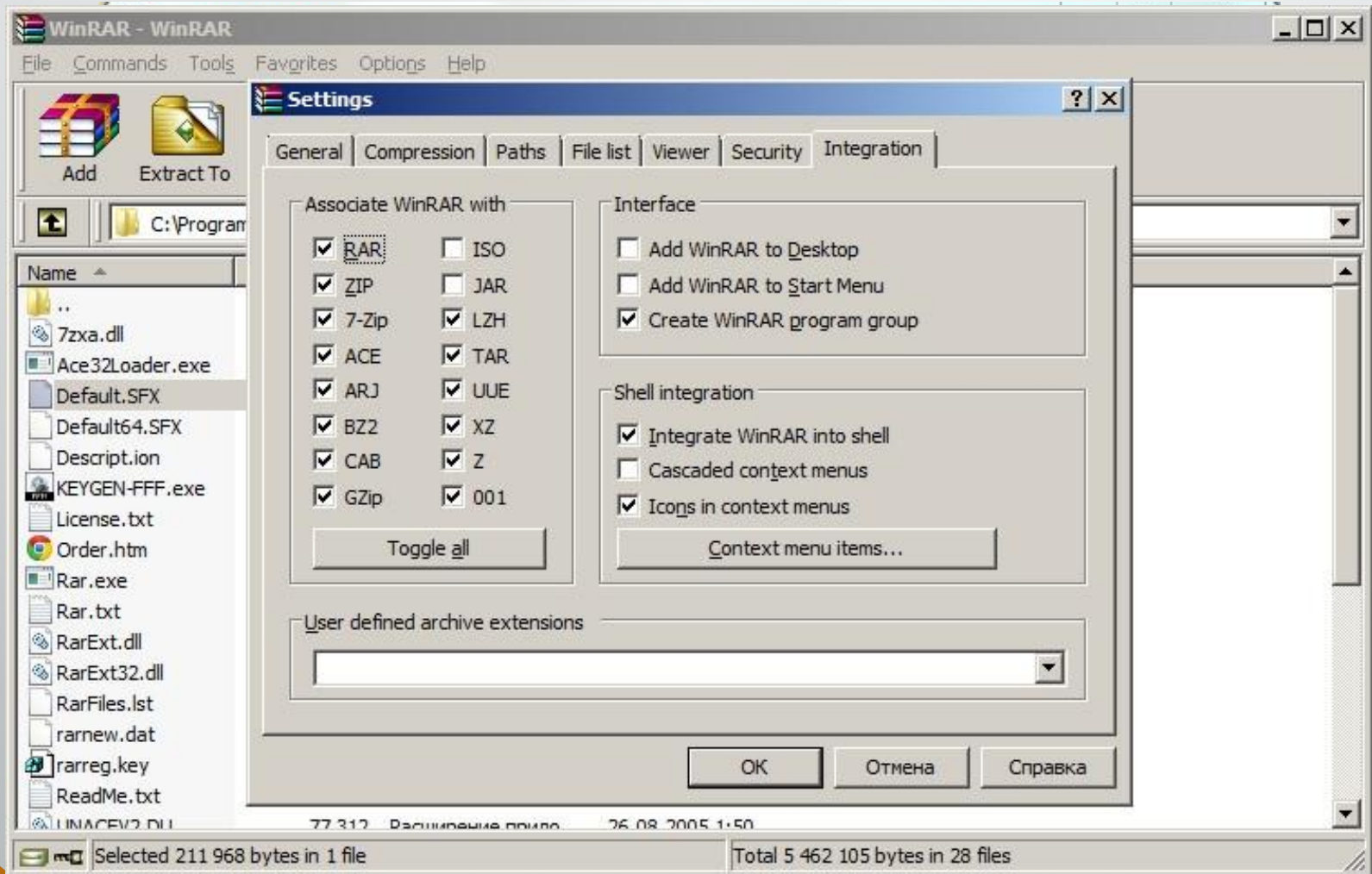
C:\Programfiler\Far>
1Left 2Right 3View.. 4Edit.. 5Print 6MkLink 7Find 8History 9Video 10Tree
```

# Программы архиваторы

- **Архиватор** — это программа, осуществляющая сжатие, упаковку одного и более файлов в **архив** или серию архивов для удобства переноса или хранения, а также распаковку архивов



# WinRAR





# WinZIP

The screenshot displays the WinZip Pro application window titled "WinZip Pro - My Documents Archive.zip". The interface includes a menu bar (File, Actions, View, Jobs, Options, Help) and a toolbar with icons for New, Open, Favorites, Add, Extract, Mail, Encrypt, View, CheckOut, Wizard, and View Style. The address bar shows the path "My Documents\". The main area is a table listing files within the archive, with columns for Name, Type, Size, Packed, Ratio, and Modified. The status bar at the bottom indicates "Folder: My Documents" and "Total 16 files, 24,595KB".

| Name                   | Type                  | Size      | Packed    | Ratio | Modified  |
|------------------------|-----------------------|-----------|-----------|-------|-----------|
| War and Peace.txt*     | Text Document         | 3,284,807 | 752,302   | 77%   | 5/21/2006 |
| War and Peace.doc*     | Microsoft Office ...  | 4,559,872 | 1,026,916 | 77%   | 6/21/2007 |
| U5L4FR.WAV*            | Wave Sound            | 1,547,354 | 1,112,033 | 28%   | 8/4/2004  |
| Team Logo Design.CDR*  | CDR File              | 9,944,282 | 670,355   | 93%   | 3/20/1998 |
| Structural Design.doc* | Microsoft Office ...  | 531,222   | 312,168   | 41%   | 1/4/2001  |
| Small letterhead.doc*  | Microsoft Office ...  | 34,816    | 16,468    | 53%   | 9/30/1998 |
| Sales Records.xls*     | Microsoft Office E... | 1,674,240 | 462,482   | 72%   | 9/21/2005 |
| Recipes.pdf*           | Adobe Acrobat Do...   | 535,411   | 312,577   | 42%   | 11/18/200 |
| MACROHLP.KEX*          | KEX File              | 11,985    | 3,172     | 74%   | 5/10/2005 |
| Journal.doc*           | Microsoft Office ...  | 151,552   | 28,591    | 81%   | 10/18/200 |
| Budget.xls*            | Microsoft Office E... | 781,824   | 303,982   | 61%   | 10/26/200 |
| Budget.doc*            | Microsoft Office ...  | 32,256    | 5,386     | 83%   | 10/26/200 |

# Тестовые программы

Работают по принципу максимальной загрузки различными операциями, эмулирующими работу пользователя за компьютером, и замеряют общую производительность системы или производительность отдельных компонентов на основе сравнения, с уже имеющейся базой данных.



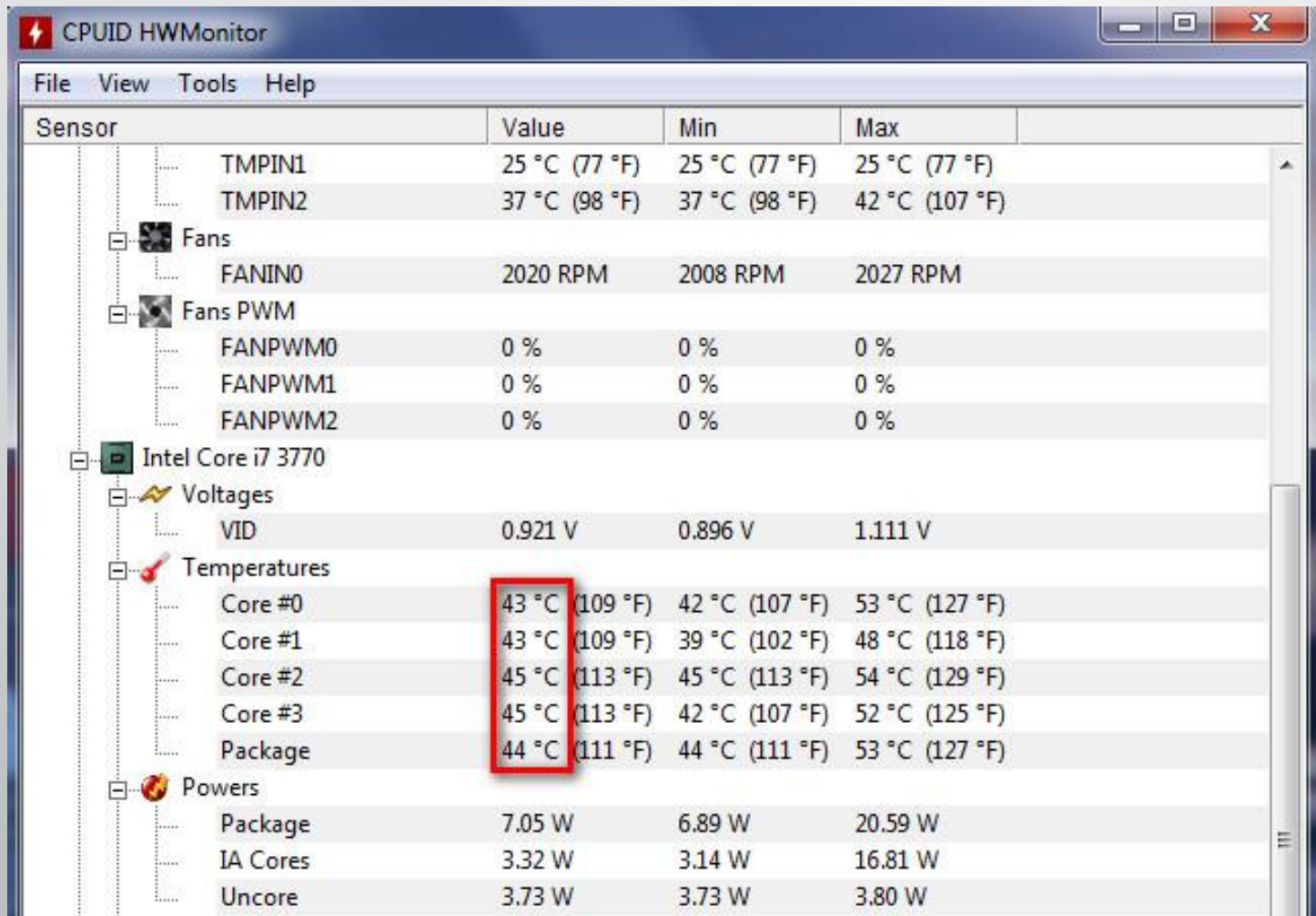
# AIDA 64

The screenshot displays the AIDA64 Extreme Edition application window. The interface is divided into several sections:

- Left Panel (Tree View):** A hierarchical tree view showing system components. The 'Sensor' folder is expanded, showing sub-items like Motherboard, Operating System, Server, Display, Multimedia, Storage, Network, and DirectX.
- Top Panel (Menu):** A menu bar with options: File, View, Report, Favorites, Tools, Help. Below it are navigation icons and a 'Report' button.
- Main Content Area:** A table with two columns: 'Field' and 'Value'. It lists various system properties and sensor data.
- Bottom Panel (Taskbar):** A list of running applications including Windows Mail, Windows Media Player, Windows Messenger, MSN Messenger, and Internet Information Services (IIS).
- Status Bar:** Located at the bottom right, it displays system performance metrics: BDLL: 2.7.345-x32, CPU: 2004 MHz, TSC: 2004 MHz, T: 13.85 sec, C: 16.0333.

| Field                      | Value                                    |
|----------------------------|--|
| <b>Sensor Properties</b>   |  |
| Sensor Type                | ITE IT8720F (ISA 228h)                   |
| GPU Sensor Type            | Analog Devices ADT7473 (NV-I2C 2Eh)      |
| Motherboard Name           | Gigabyte 870A-UD3 / 880G-UD3H / 880GA... |
| Chassis Intrusion Detected | Yes                                      |
| <b>Temperatures</b>        |  |
| Motherboard                | 41 °C (106 °F)                           |
| CPU                        | 32 °C (90 °F)                            |
| CPU Diode                  | 29 °C (84 °F)                            |
| GPU                        | 43 °C (109 °F)                           |
| GPU Diode                  | 41 °C (106 °F)                           |
| GPU Memory                 | 39 °C (102 °F)                           |
| GPU Ambient                | 33 °C (91 °F)                            |
| DIMM1                      | 34 °C (93 °F)                            |
| DIMM2                      | 35 °C (95 °F)                            |
| Seagate ST31000528AS       | 35 °C (95 °F)                            |

# HWMonitor



CPUID HWMonitor

File View Tools Help

| Sensor             | Value          | Min            | Max            |
|--------------------|----------------|----------------|----------------|
| TMPIN1             | 25 °C (77 °F)  | 25 °C (77 °F)  | 25 °C (77 °F)  |
| TMPIN2             | 37 °C (98 °F)  | 37 °C (98 °F)  | 42 °C (107 °F) |
| Fans               |                |                |                |
| FANIN0             | 2020 RPM       | 2008 RPM       | 2027 RPM       |
| Fans PWM           |                |                |                |
| FANPWM0            | 0 %            | 0 %            | 0 %            |
| FANPWM1            | 0 %            | 0 %            | 0 %            |
| FANPWM2            | 0 %            | 0 %            | 0 %            |
| Intel Core i7 3770 |                |                |                |
| Voltages           |                |                |                |
| VID                | 0.921 V        | 0.896 V        | 1.111 V        |
| Temperatures       |                |                |                |
| Core #0            | 43 °C (109 °F) | 42 °C (107 °F) | 53 °C (127 °F) |
| Core #1            | 43 °C (109 °F) | 39 °C (102 °F) | 48 °C (118 °F) |
| Core #2            | 45 °C (113 °F) | 45 °C (113 °F) | 54 °C (129 °F) |
| Core #3            | 45 °C (113 °F) | 42 °C (107 °F) | 52 °C (125 °F) |
| Package            | 44 °C (111 °F) | 44 °C (111 °F) | 53 °C (127 °F) |
| Powers             |                |                |                |
| Package            | 7.05 W         | 6.89 W         | 20.59 W        |
| IA Cores           | 3.32 W         | 3.14 W         | 16.81 W        |
| Uncore             | 3.73 W         | 3.73 W         | 3.80 W         |

# SpeedFan

The screenshot shows the SpeedFan 4.47 application window. The title bar reads "SpeedFan 4.47". The interface includes several tabs: "Показатели" (indicated), "Частоты", "Информация", "Экзотика", "S.M.A.R.T.", and "Графики".

Under the "Показатели" tab, the following information is displayed:

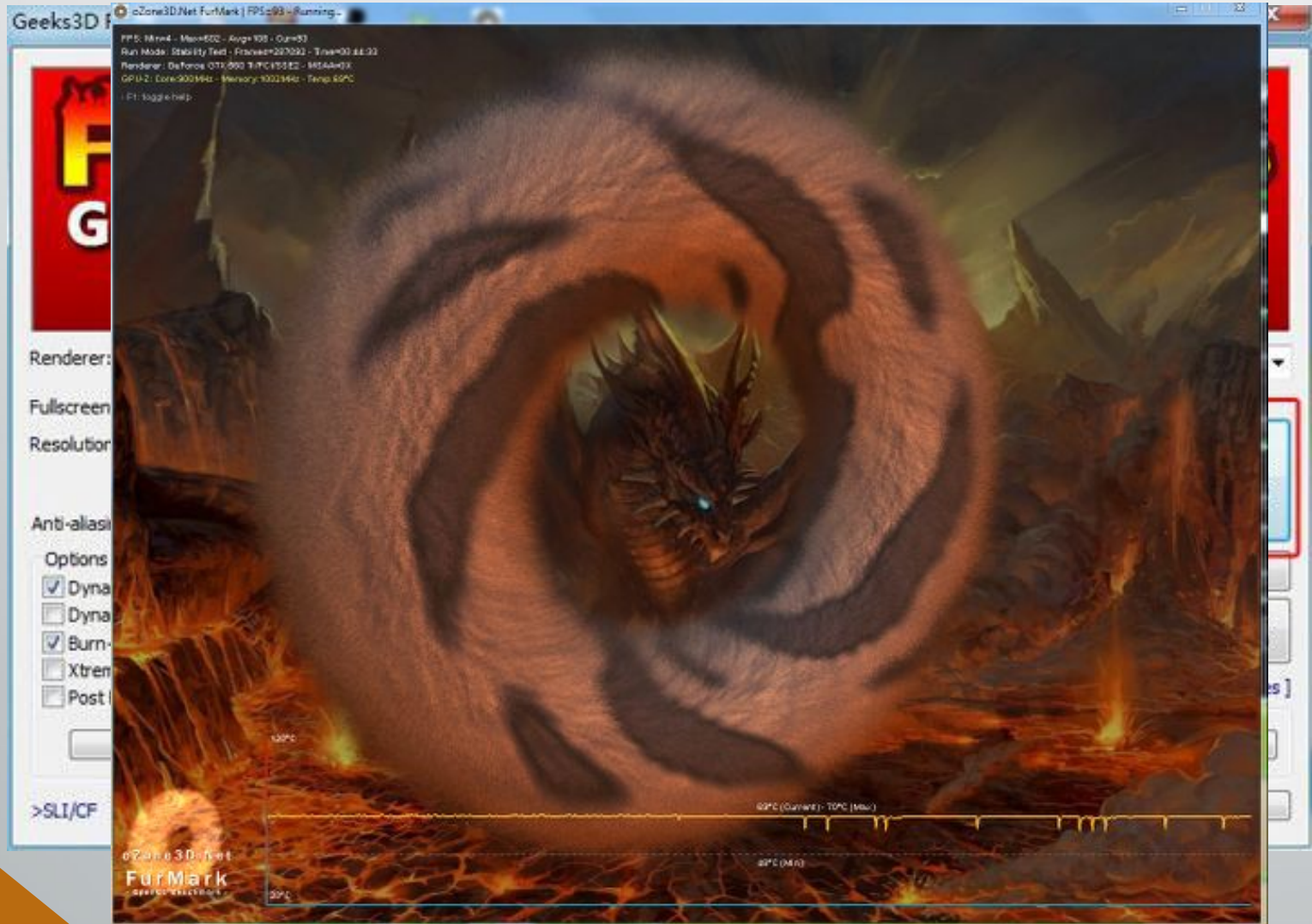
- Detection log: "Found ST2000DM001-9YN164 on AdvSMART", "Found Intel(R) Core(TM)2 Quad CPU Q6600 @ 2.40GHz", "End of detection".
- Buttons: "Свернуть" (Close) and "Конфигурация" (Configuration).
- Checkbox: "Автоскорость вентиляторов" (Auto fan speed) is unchecked.
- CPU Load: "Загрузка ЦП" is shown as 10.1% with a progress bar.
- Temperature and Fan Speeds:

|                    |             |
|--------------------|-------------|
| Sys Fan: 1118 RPM  | System: 45C |
| CPU0 Fan: 2935 RPM | CPU: 29C    |
| Aux0 Fan: 0 RPM    | AUX: 47C    |
| CPU1 Fan: 0 RPM    | Temp: 1C    |
| Aux1 Fan: 1118 RPM | HD1: 30C    |
| PWR Fan: 0 RPM     | HD0: 33C    |
|                    | Core 0: 34C |
|                    | Core 1: 34C |
|                    | Core 2: 25C |
- Fan Speed Controls: Pwm1, Pwm2, Pwm3, and Pwm4 are all set to 100%.
- Voltages:

|              |
|--------------|
| Vcore: 1,14V |
| +12V: 11,35V |
| AVcc: 3,31V  |

At the bottom of the window, the author information is displayed: "Автор: Alfredo Milani Comparetti, 2000-2012, alfredo@almico.com".

# FurMark



# Основные разделы

- Сервисные программы
- Файловые менеджеры
  - Проводник Windows
  - TotalCommander
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- Программы архиваторы
  - WinRAR
  - WinZIP
- Тестовые программы
  - AIDA 64
  - HWMonitor
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