

Понятие и назначение сервисных программ

Контрольная работа

«Создание презентация в PowerPoint»

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Сервисные программы

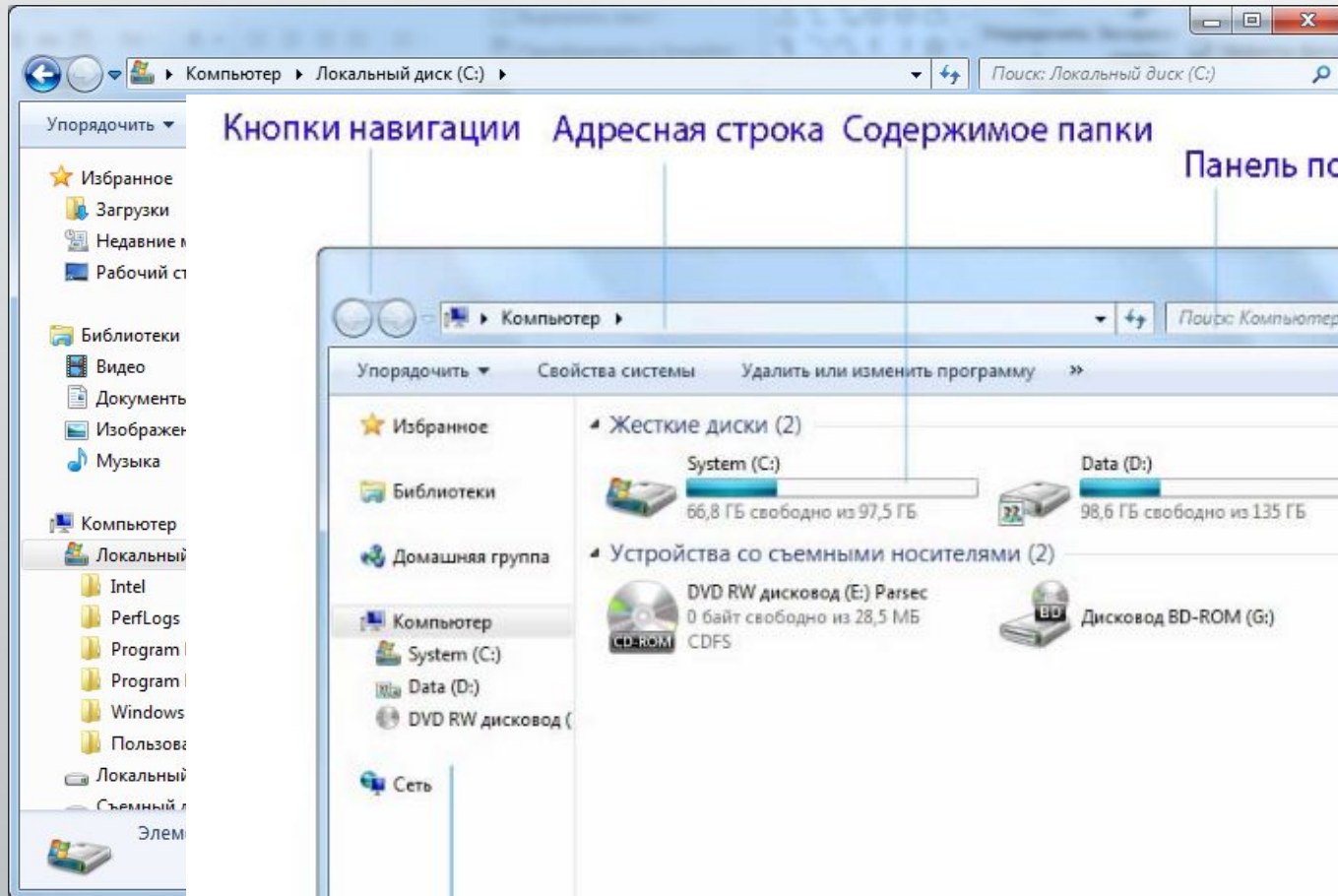
Сервисная программа (утилита, utility program) — вспомогательная программа, входящая в состав общего программного обеспечения.

Файловые менеджеры

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

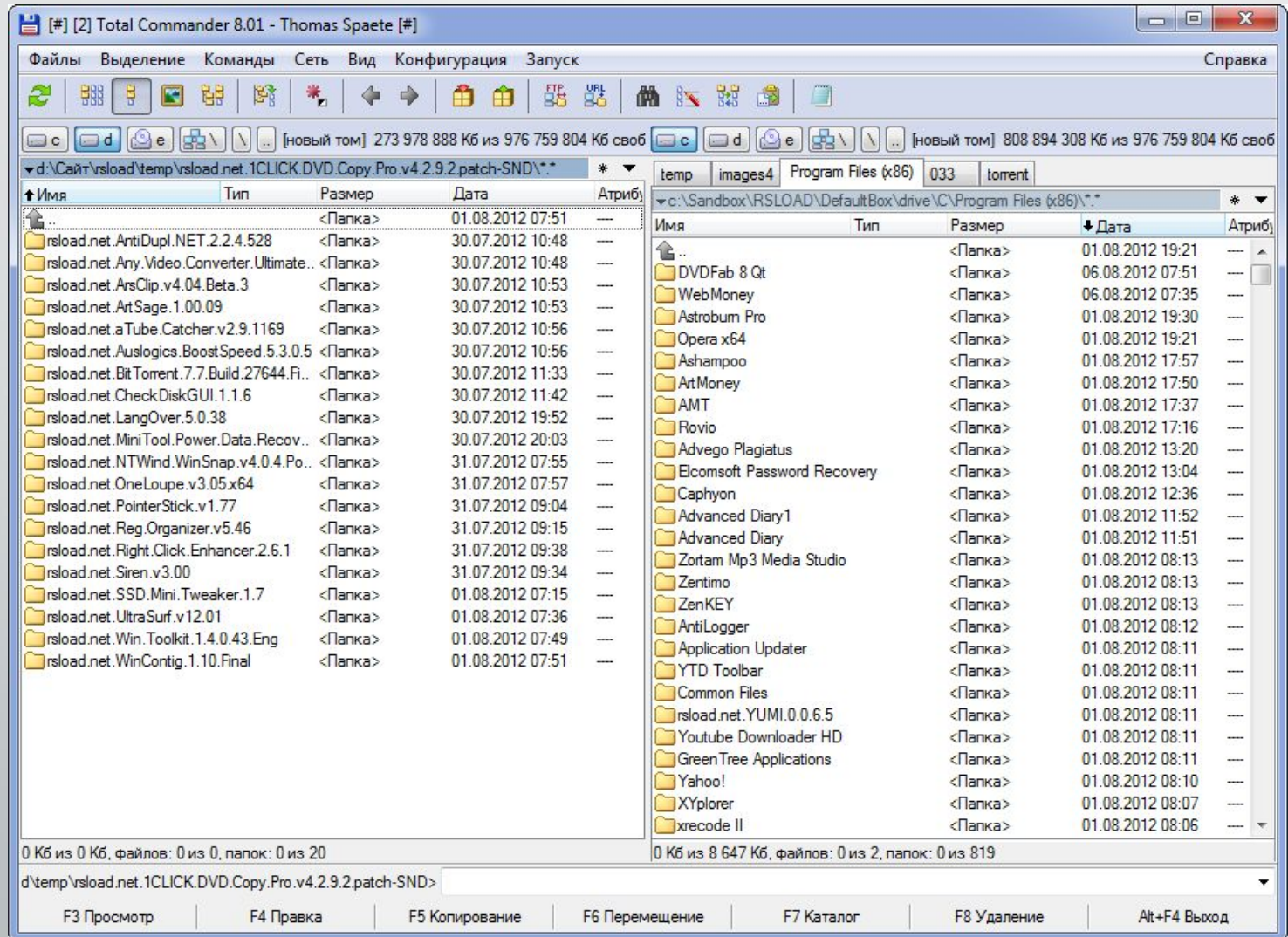


Проводник Windows



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 panels displaying the file structure of 'C:\Programfiler\Far', including folders like Addons, Documentation, and Plugins, and files like Register.txt, Far.exe, and Far.ico. The status bar at the bottom shows '1,202,164 bytes in 19 files' and a menu with options like Left, Right, View, Edit, Print, MkLink, Find, History, Video, and Tree.

```
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

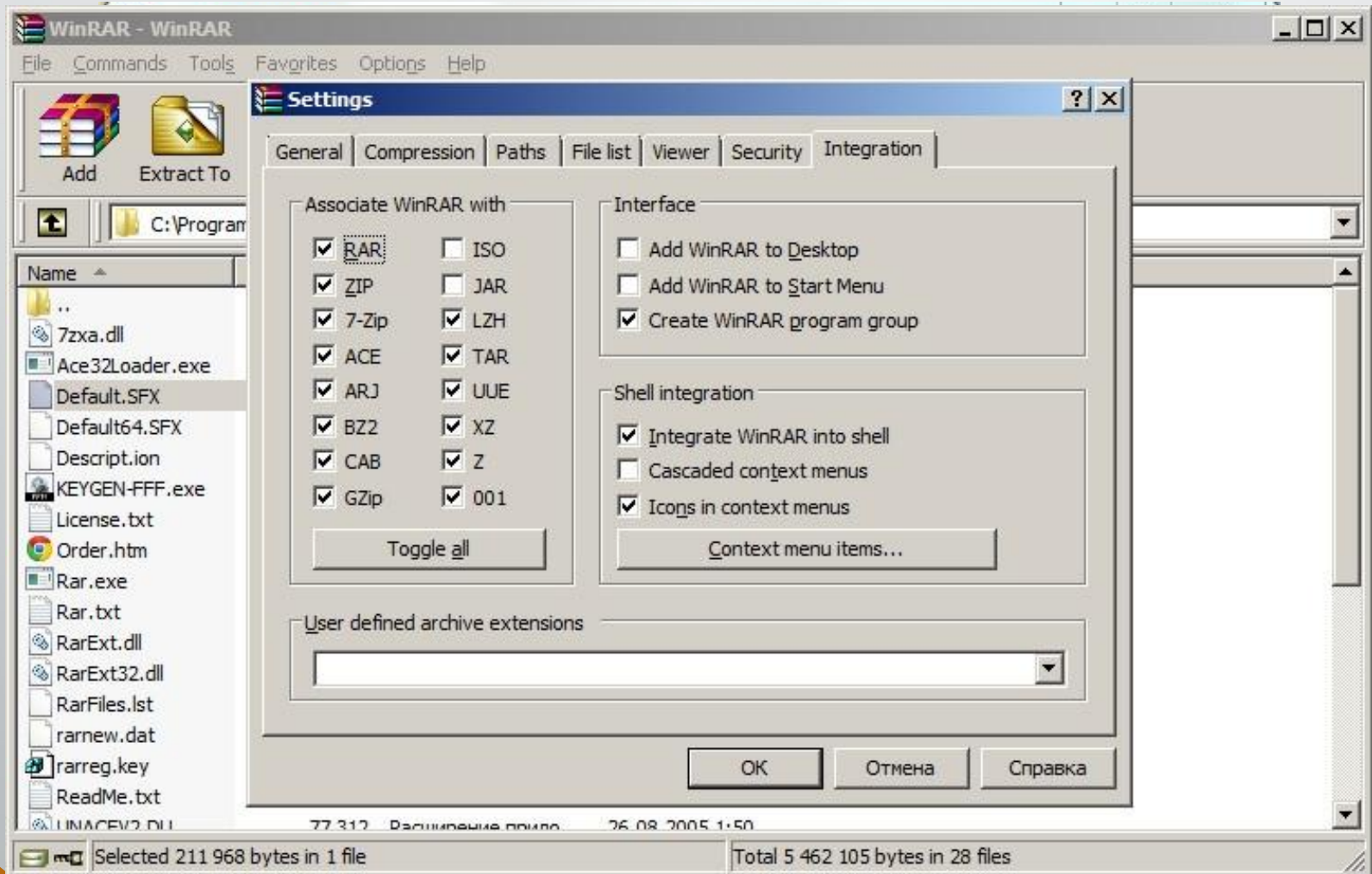
C:\Programfiler\Far>
1Left 2Right 3View.. 4Edit.. 5Print 6MkLink 7Find 8History 9Video 10Tree
```

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

WinZip Pro - My Documents Archive.zip

File Actions View Jobs Options Help

New Open Favorites Add Extract Mail Encrypt View CheckOut Wizard View Style

Address My Documents\

Folders	Name	Type	Size	Packed	Ratio	Modified
[My Documents Archive.zip]	War and Peace.txt*	Text Document	3,284,807	752,302	77%	5/21/2006
Downloads	War and Peace.doc*	Microsoft Office ...	4,559,872	1,026,916	77%	6/21/2007
My Documents	U5L4FR.WAV*	Wave Sound	1,547,354	1,112,033	28%	8/4/2004
My Music	Team Logo Design.CDR*	CDR File	9,944,282	670,355	93%	3/20/1998
My Pictures	Structural Design.doc*	Microsoft Office ...	531,222	312,168	41%	1/4/2001
Quarterly Reports	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

Folder: My Documents Total 16 files, 24,595KB

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:

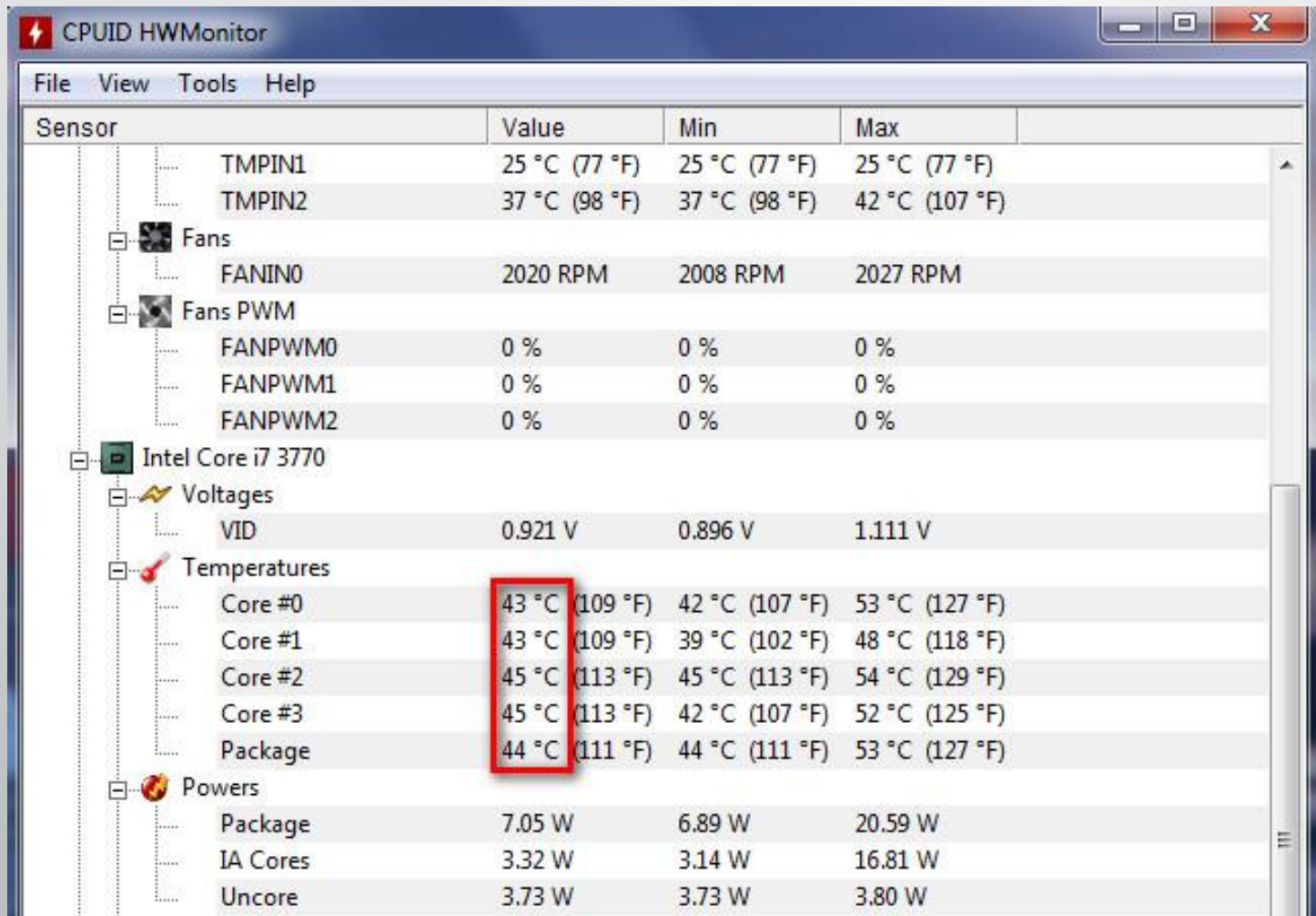
- Left Panel (Tree View):** A hierarchical tree view showing system components. The 'Sensor' folder is expanded, showing sub-folders for Motherboard, Operating System, Server, Display, Multimedia, Storage, Network, and DirectX.
- Top Panel (Menu):** A menu bar with options: File, View, Report, Favorites, Tools, Help. Below the menu are several icons, including 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 processes and system status information.

Field	Value
Sensor Properties	
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
Temperatures	
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)

Process	Value
Windows Mail	6.1.7600.16385 (win7_rtm.090713-1255)
Windows Media Player	12.0.7600.16385 (win7_rtm.090713-1255)
Windows Messenger	-
MSN Messenger	-
Internet Information Services (IIS)	-

Operating System: BDLL: 2.7.345-x32, CPU: 2004 MHz, TSC: 2004 MHz, T: 13.85 sec, C: 16.0333

HWMonitor



The screenshot shows the CPUID HWMonitor application window. The title bar reads "CPUID HWMonitor". The menu bar includes "File", "View", "Tools", and "Help". The main content area is a table with columns for "Sensor", "Value", "Min", and "Max". The table is organized into expandable categories: "Fans", "Fans PWM", "Intel Core i7 3770", "Voltages", "Temperatures", and "Powers". The "Temperatures" section is expanded, showing data for Core #0, Core #1, Core #2, Core #3, and Package. The "Core #0" row is highlighted with a red box, showing a current temperature of 43 °C (109 °F).

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
- PWM 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



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 - WinZIP
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