

6. ПРИМЕР ПРОТОКОЛА ТЕХНИЧЕСКОЙ ДИАГНОСТИКИ ПЕРСОНАЛЬНОГО КОМПЬЮТЕРА

-----[EVEREST Home Edition (c) 2003-2005 Lavalys, Inc.]-----

Version	EVEREST v2.01.347/ru
Homepage	http://www.lavalys.com/
Report Type	Report Wizard
Computer	NICK
Generator	Администратор
Operating System	Microsoft Windows 2000 Professional 5.0.2195 (Win2000 Retail)
Date	2005-06-26
Time	02:57

-----[Summary]-----

Computer:

Operating System	Microsoft Windows 2000 Professional
OS Service Pack	Service Pack 4
DirectX	4.09.00.0902 (DirectX 9.0b)
Computer Name	NICK
User Name	Администратор

Motherboard:

CPU Type	AMD Athlon 64, 1800 (9 x 200) 3000+
Motherboard Name	MSI RS480M2 (MS-7093) (3 PCI, 1 PCI-E x16, 4 DDR DIMM, Audio, Video, LAN, IEEE-1394)
Motherboard Chipset	ATI Radeon Xpress 200, AMD Hammer
System Memory	960 (DDR SDRAM)
BIOS Type	Award (05/13/05)
Communication Port	Последовательный порт (COM1)
Communication Port	Порт принтера (LPT1)

Display:

Video Adapter	ATI RADEON Xpress 200 Series (64)
3D Accelerator	ATI Radeon Xpress 200 (RS480)
Monitor	Philips 170B (170B5) [17" LCD] (HD 018326)

Multimedia:

Audio Adapter	ATI SB400 - AC'97 Audio Controller
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Storage:

IDE Controller	ATI IDE Controller
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Floppy Drive	Дисковод гибких дисков
Disk Drive	Maxtor 6Y080P0 (80 GB, 7200 RPM, Ultra-ATA/133)
Optical Drive	SONY DVD-RW DRU-710A (DVD+R9:4x, DVD+RW:16x/4x, DVD-RW:8x/4x, DVD-ROM:16x, CD:48x/24x/48x DVD+RW/DVD-RW)
SMART Hard Disks Status	OK

Partitions:	
C: (NTFS)	16002 (13620 free)
D: (NTFS)	16002 (3345 free)
E: (NTFS)	16002 (6676 free)
F: (NTFS)	16002 (4045 free)
L: (FAT32)	4994 (951 free)
M: (FAT32)	4994 (668 free)
N: (FAT32)	2086 (534 free)
O: (FAT)	2047 (740 free)
Total Size	76.3 GB (29.9 GB free)

Input:	
Keyboard	Стандартная (101/102 клавиши) или клавиатура PS/2 Microsoft Natural
Mouse	Мышь PS/2-совместимая

Network:	
Network Adapter	WAN (PPP/SLIP) Interface (212.12.5.193)
Modem	ZyXEL Omni56K NEO, Plug&Play

Peripherals:	
Printer	Epson LX-100
Printer	Fax
USB1 Controller	ATI SB400 - USB Controller
USB1 Controller	ATI SB400 - USB Controller
USB2 Controller	ATI SB400 - USB 2.0 Controller

-----[Sensor]-----

Sensor Properties:	
Sensor Type	SMSC LPC47M192 (Sus 2Dh)
Motherboard Name	MSI MS-7093

Temperatures:	
Motherboard	22 °C (72 °F)
CPU	35 °C (95 °F)
Maxtor 6Y080P0	38 °C (100 °F)

Cooling Fans:

CPU

3614 RPM

Voltage Values:

Debug Info V

00 00 00 00 97 C1 16 23

-----[CPU]-----

CPU Properties:

CPU Type

AMD Athlon 64, 1800 (9 x 200) 3000+

CPU Alias

Winchester S939

CPU Stepping

DH-D0

Instruction Set

x86, x86-64, MMX, 3DNow!, SSE, SSE2

Min / Max CPU Multiplier

4x / 9x

L1 Code Cache

64 KB (Parity)

L1 Data Cache

64 KB (ECC)

L2 Cache

512 KB (On-Die, ECC, Full-Speed)

CPU Physical Info:

Package Type

939 Pin uOPGA

Package Size

4.00 cm x 4.00 cm

Transistors

68.5 million

Process Technology

11Mi, 90 nm, CMOS, Cu, SOI

Die Size

84 mm2

Core Voltage

1.40 V

I/O Voltage

1.2 V + 2.5 V

Maximum Power

67.0 W

CPU Manufacturer:

Company Name

Advanced Micro Devices, Inc.

CPU Utilization:

CPU #1

100 %

-----[CPUID]-----

CPUID Properties:

CPUID Manufacturer

AuthenticAMD

CPUID CPU Name

AMD Athlon(tm) 64 Processor 3000+

CPUID Revision

00010FF0h

Extended CUID Revision	00010FF0h
AMD Brand ID	0108h (Athlon 64 3000+)
Platform ID	CDh (Socket 939)
IA CPU Serial Nuer	Unknown
HTT / CMP Units	0 / 1

Instruction Set:

64- x86 Extension (AMD64, EM64T)	Supported
Alternate Instruction Set	Not Supported
AMD 3DNow!	Supported
AMD 3DNow! Professional	Supported
AMD Enhanced 3DNow!	Supported
AMD Extended MMX	Supported
Cyrix Extended MMX	Not Supported
IA-64	Not Supported
IA MMX	Supported
IA SSE	Supported
IA SSE 2	Supported
IA SSE 3	Not Supported
CLFLUSH Instruction	Supported
CMPXCHG8B Instruction	Supported
CMPXCHG16B Instruction	Not Supported
Conditional Move Instruction	Supported
FEMMS Instruction	Not Supported
MONITOR / MWAIT Instruction	Not Supported
RDTSCP Instruction	Not Supported
SYSCALL / SYSRET Instruction	Supported
SYSENTER / SYSEXIT Instruction	Supported

Security Features:

Advanced Cryptography Engine (ACE)	Not Supported
Data Execution Prevention (DEP, NX, EDB)	Supported
Hardware Random Nuer Generator (RNG)	Not Supported
Montgomery Multiplier & Hash Engine	Not Supported
Processor Serial Nuer (PSN)	Not Supported

Power Management Features:

Automatic Clock Control	Not Supported
Enhanced Halt State (C1E)	Not Supported
Enhanced SpeedStep Technology (EIST, ESS)	Not Supported
Frequency ID Control	Supported

LongRun	Not Supported
LongRun Table Interface	Not Supported
PowerSaver 1.0	Not Supported
PowerSaver 2.0	Not Supported
PowerSaver 3.0	Not Supported
Processor Duty Cycle Control	Not Supported
Software Thermal Control	Not Supported
Temperature Sensing Diode	Supported
Thermal Monitor 1	Not Supported
Thermal Monitor 2	Not Supported
Thermal Monitoring	Not Supported
Thermal Trip	Supported
Voltage ID Control	Supported

CPUID Features:

36- Page Size Extension	Supported
CPL Qualified Debug Store	Not Supported
Debug Trace Store	Not Supported
Debugging Extension	Supported
Fast Save & Restore	Supported
Hyper-Threading Technology	Not Supported
L1 Context ID	Not Supported
Local APIC On Chip	Supported
Machine-Check Architecture	Supported
Machine-Check Exception	Supported
Memory Type Range Registers	Supported
Model Specific Registers	Supported
Page Attribute Table	Supported
Page Global Extension	Supported
Page Size Extension	Supported
Pending Break Event	Not Supported
Physical Address Extension	Supported
Secure Virtual Machine Extensions (Pacifica)	Not Supported
Self-Snoop	Not Supported
Time Stamp Counter	Supported
Virtual Machine Extensions (Vanderpool)	Not Supported
Virtual Mode Extension	Supported

-----[Motherboard]-----

Motherboard Properties:

Motherboard ID	05/13/2005-RS480-SB400-6A666M4DC-00
Motherboard Name	MSI RS480M2 (MS-7093)

Front Side Bus Properties:	
Bus Type	AMD Hammer
Real Clock	200
Effective Clock	200
HyperTransport Clock	1000

Memory Bus Properties:	
Bus Type	Dual DDR SDRAM
Bus Width	128-
Real Clock	200 (DDR)
Effective Clock	400
Bandwidth	6367 /s

Motherboard Physical Info:	
CPU Sockets/Slots	1 Socket 939
Expansion Slots	3 PCI, 1 PCI-E x16
RAM Slots	4 DDR DIMM
Integrated Devices	Audio, Video, LAN, IEEE-1394
Form Factor	Micro ATX
Motherboard Size	240 mm x 240 mm
Motherboard Chipset	RS480

Motherboard Manufacturer:	
Company Name	Micro-Star International

-----[Memory]-----

Physical Memory:	
Total	958
Used	192
Free	765
Utilization	20 %

Swap Space:	
Total	1629
Used	163
Free	1465
Utilization	10 %

Virtual Memory:

Total	2587
Used	356
Free	2231
Utilization	14 %

Physical Address Extension (PAE):

Supported by Operating System	Yes
Supported by CPU	Yes
Active	No

-----[SPD]-----

[DIMM1: 512 PC3200 DDR SDRAM]

Memory Module Properties:

Serial Nuer	None
Module Size	512 (1 rows, 4 banks)
Module Type	Unbuffered
Memory Type	DDR SDRAM
Memory Speed	PC3200 (200)
Module Width	64
Module Voltage	SSTL 2.5
Error Detection Method	None
Refresh Rate	Reduced (7.8 us), Self-Refresh

Memory Timings:

@ 200	3.0-4-4-8 (CL-RCD-RP-RAS)
@ 166	2.5-3-3-7 (CL-RCD-RP-RAS)
@ 133	2.0-3-3-6 (CL-RCD-RP-RAS)

Memory Module Features:

Early RAS# Precharge	Not Supported
Auto-Precharge	Not Supported
Precharge All	Not Supported
Write1/Read Burst	Not Supported
Buffered Address/Control Inputs	Not Supported
Registered Address/Control Inputs	Not Supported
On-Card PLL (Clock)	Not Supported
Buffered DQ Inputs	Not Supported

Registered DQ Inputs	Not Supported
Differential Clock Input	Supported
Redundant Row Address	Not Supported

[DIMM2: 512 PC3200 DDR SDRAM]

Memory Module Properties:

Serial Nuer	None
Module Size	512 (1 rows, 4 banks)
Module Type	Unbuffered
Memory Type	DDR SDRAM
Memory Speed	PC3200 (200)
Module Width	64
Module Voltage	SSTL 2.5
Error Detection Method	None
Refresh Rate	Reduced (7.8 us), Self-Refresh

Memory Timings:

@ 200	3.0-4-4-8 (CL-RCD-RP-RAS)
@ 166	2.5-3-3-7 (CL-RCD-RP-RAS)
@ 133	2.0-3-3-6 (CL-RCD-RP-RAS)

Memory Module Features:

Early RAS# Precharge	Not Supported
Auto-Precharge	Not Supported
Precharge All	Not Supported
Write1/Read Burst	Not Supported
Buffered Address/Control Inputs	Not Supported
Registered Address/Control Inputs	Not Supported
On-Card PLL (Clock)	Not Supported
Buffered DQ Inputs	Not Supported
Registered DQ Inputs	Not Supported
Differential Clock Input	Supported
Redundant Row Address	Not Supported

-----[Chipset]-----

[North Bridge: ATI RS480]

North Bridge Properties:

North Bridge	ATI RS480
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Revision	00
Process Technology	0.13 um
Integrated Graphics Controller:	
Graphics Controller Type	ATI Radeon X300
Graphics Controller Status	Enabled
Graphics Frame Buffer Size	64
Chipset Manufacturer:	
Company Name	ATI Technologies Inc.
[North Bridge: AMD Hammer IMC]	
North Bridge Properties:	
North Bridge	AMD Hammer IMC
Revision	00
In-Order Queue Depth	4
Memory Controller:	
Type	Dual Channel (128-)
Active Mode	Dual Channel (128-)
Memory Timings:	
CAS Latency (CL)	3T
RAS To CAS Delay (tRCD)	4T
RAS Precharge (tRP)	4T
RAS Active Time (tRAS)	8T
Row Cycle Time (tRC)	12T
Row Refresh Cycle Time (tRFC)	14T
Command Rate (CR)	1T
RAS To RAS Delay (tRRD)	2T
Write Recovery Time (tWR)	3T
Error Correction:	
ECC	Supported, Disabled
ChipKill ECC	Supported, Disabled
DRAM Scrub Rate	Disabled
L1 Data Cache Scrub Rate	Disabled
L2 Cache Scrub Rate	Disabled
Memory Slots:	

DRAM Slot #1	512	(DDR SDRAM)
DRAM Slot #2	512	(DDR SDRAM)

[South Bridge: ATI SB400]

South Bridge Properties:

South Bridge	ATI SB400
Revision	00

AC'97 Audio Controller:

Audio Controller Type	ATI SB400
Codec Name	Avance Logic ALC658
Codec ID	414C4780h
S/PDIF Output	Supported

Chipset Manufacturer:

Company Name	ATI Technologies Inc.
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-----[BIOS]-----

BIOS Properties:

BIOS Type	Award
Award BIOS Type	Phoenix - AwardBIOS v6.00PG
Award BIOS Message	W7093AMS V3.4 051305 13:29:16
System BIOS Date	05/13/05
Video BIOS Date	04/12/20

BIOS Manufacturer:

Company Name	Phoenix Technologies Ltd.
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-----[GPU]-----

[PCI: ATI Radeon Xpress 200 (RS480) Chipset -]

Graphics Processor Properties:

Video Adapter	ATI Radeon Xpress 200 (RS480) Chipset -
GPU Code Name	RS480
PCI Device	1002 / 5954
Process Technology	0.13u
Bus Type	PCI
GPU Clock	300

RAMDAC Clock	400
Pixel Pipelines	2
TMU Per Pipeline	1
Vertex Shaders	2 (v2.0)
Pixel Shaders	1 (v2.0)
DirectX Hardware Support	DirectX v9.0
Pixel Fillrate	602 MPixel/s
Texel Fillrate	602 MTexel/s

Graphics Processor Manufacturer:
Company Name

ATI Technologies Inc.

-----[Monitor]-----

[Philips 170B (170B5)]

Monitor Properties:

Monitor Name	Philips 170B (170B5)
Monitor ID	PHL081D
Model	Philips 170B
Monitor Type	17" LCD
Manufacture Date	Week 12 / 2004
Serial Nuer	HD 018326
Max. Visible Display Size	34 cm x 27 cm (17.1")
Picture Aspect Ratio	5:4
Horizontal Frequency	30 - 82 kHz
Vertical Frequency	56 - 76 Hz
Maximum Resolution	1280 x 1024
Gamma	2.20
DPMS Mode Support	Standby, Suspend, Active-Off

Supported Video Modes:

640 x 480	76 Hz
800 x 600	76 Hz
1024 x 768	76 Hz
1152 x 864	76 Hz
1280 x 1024	75 Hz

Monitor Manufacturer:
Company Name

Royal Philips Electronics

-----[Desktop]-----

Desktop Properties:

Device Technology	Raster Display
Resolution	1280 x 1024
Color Depth	16-
Color Planes	1
Font Resolution	96 dpi
Pixel Width / Height	36 / 36
Pixel Diagonal	51
Vertical Refresh Rate	60 Hz

-----[Logical Drives]-----

A:	Removable Disk							
C:	Local Disk	NTFS	16002	2381	13620	85 %	0000-0000	
D:	Local Disk	NTFS	16002	12656	3345	21 %	0000-0000	
E:	Local Disk	NTFS	16002	9325	6676	42 %	0000-0000	
F:	Local Disk	NTFS	16002	11956	4045	25 %	0000-0000	
G:	Optical Drive							
L:	Local Disk	FAT32	4994	4043	951	19 %	3995-4149	
M:	Local Disk	FAT32	4994	4326	668	13 %	C20E-793D	
N:	Local Disk	FAT32	2086	1551	534	26 %	02BD-F714	
O:	Local Disk	FAT	2047	1306	740	36 %	0C70-1AD3	

-----[Physical Drives]-----

[Drive #1 - Maxtor 6Y080P0 (76 GB)]

#1 (Active)	NTFS	C:	0	16002
#2	Hidden FAT	O:	76112	2047
#3	NTFS	D:	16002	16002
#4	NTFS	E:	32004	16002
#5	NTFS	F:	48006	16002
#6	FAT32	L:	64009	5004
#7	FAT32	M:	69013	5004
#8	FAT32	N:	74018	2094

-----[Optical Drives]-----

[SONY DVD RW DRU-710A]

Optical Drive Properties:

Device Description	SONY DVD RW DRU-710A
Manufacturer	Sony
Device Type	DVD+RW/DVD-RW
Speed	DVD+R9:4x, DVD+RW:16x/4x, DVD-RW:8x/4x, DVD-ROM:16x, CD:48x/24x/48x

Device Manufacturer:

Company Name	Sony Electronics Inc.
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-----[ATA]-----

[Maxtor 6Y080P0 (Y2D6K43E)]

ATA Device Properties:

Model ID	Maxtor 6Y080P0
Serial Nuer	Y2D6K43E
Revision	YAR41BW0
Parameters	158816 cylinders, 16 heads, 63 sectors per track, 512 bytes per sector
LBA Sectors	160086528
Buffer	7936 KB (Dual Ported, Read Ahead)
Multiple Sectors	16
ECC Bytes	57
Max. PIO Transfer Mode	PIO 4
Max. UDMA Transfer Mode	UDMA 6 (ATA-133)
Active UDMA Transfer Mode	UDMA 5 (ATA-100)
Unformatted Capacity	78167

ATA Device Features:

SMART	Supported
Security Mode	Supported
Power Management	Supported
Advanced Power Management	Supported
Write Cache	Supported
Host Protected Area	Supported
Power-Up In Standby	Not Supported
Automatic Acoustic Management	Supported
48- LBA	Not Supported
Device Configuration Overlay	Supported

ATA Device Physical Info:

Manufacturer	Maxtor
Hard Disk Family	DiamondMax Plus 9
Form Factor	3.5"
Formatted Capacity	80 GB
Disks	1
Recording Surfaces	2
Physical Dimensions	146.1 x 101.6 x 26.1 mm
Max. Weight	630 g
Average Rotational Latency	4.17 ms
Rotational Speed	7200 RPM
Interface	Ultra-ATA/133
Buffer-to-Host Data Rate	133 /s
Buffer Size	8

ATA Device Manufacturer:
Company Name

Maxtor Corporation

-----[Physical Devices]-----

PCI Devices:

Bus 0, Device 24, Function 1	AMD Hammer - Address Map
Bus 0, Device 24, Function 2	AMD Hammer - DRAM Controller
Bus 0, Device 24, Function 0	AMD Hammer - HyperTransport Technology Configuration
Bus 0, Device 24, Function 3	AMD Hammer - Miscellaneous Control
Bus 0, Device 0, Function 0	ATI Radeon Xpress 200 (RS480) Chipset - Host Bridge
Bus 0, Device 1, Function 0	ATI Radeon Xpress 200 (RS480) Chipset - PCI Express Root Port
Bus 1, Device 5, Function 0	ATI Radeon Xpress 200 (RS480) Chipset - Video Adapter
Bus 0, Device 20, Function 5	ATI SB400 - AC'97 Audio Controller
Bus 0, Device 20, Function 1	ATI SB400 - IDE Controller
Bus 0, Device 20, Function 3	ATI SB400 - PCI-ISA Bridge
Bus 0, Device 20, Function 4	ATI SB400 - PCI-PCI Bridge
Bus 0, Device 20, Function 0	ATI SB400 - SSB Controller
Bus 0, Device 19, Function 2	ATI SB400 - USB 2.0 Controller
Bus 0, Device 19, Function 0	ATI SB400 - USB Controller
Bus 0, Device 19, Function 1	ATI SB400 - USB Controller

PnP Devices:

PNP0303	101/102-Key or MS Natural Keyboard
PNP0501	16550A-compatible UART Serial Port
PNP0C08	ACPI Driver/BIOS
PNP0200	DMA Controller

PNP0700	Floppy Disk Controller
PNP0F13	Logitech PS/2 Port Mouse
PNP0C02	Motherboard Resources
PNP0C02	Motherboard Resources
PNP0C02	Motherboard Resources
PNP0C04	Numeric Data Processor
PNP0400	Parallel Port
PNP0800	PC Speaker
PNP0A03	PCI Bus
PNP0C0C	Power Button
PNP0000	Programmable Interrupt Controller
PNP0B00	Real-Time Clock
PNP0C01	System Board Extension
PNP0100	System Timer
ZYX61E6	Zyxel Omni56k Neo Modem
FIXEDBUTTON	Кнопка фиксированной возможности ACPI

Ports:

COM1	Последовательный порт (COM1)
LPT1	Порт принтера (LPT1)

-----[Input]-----

[Стандартная (101/102 клавиши) или клавиатура PS/2 Microsoft Natural]

Keyboard Properties:

Keyboard Name	Стандартная (101/102 клавиши) или клавиатура PS/2 Microsoft Natural
Keyboard Type	IBM enhanced (101- or 102-key) keyboard
Keyboard Layout	Американская
ANSI Code Page	1251 - Кириллица (Windows)
OEM Code Page	866 - Кириллица (DOS)
Repeat Delay	1
Repeat Rate	31

[Мышь PS/2-совместимая]

Mouse Properties:

Mouse Name	Мышь PS/2-совместимая
Mouse Buttons	3
Mouse Hand	Right
Pointer Speed	1

Double-Click Time	500 msec
X/Y Threshold	6 / 10
Wheel Scroll Lines	3

Mouse Features:

Active Window Tracking	Disabled
ClickLock	Disabled
Hide Pointer While Typing	Disabled
Mouse Wheel	Present
Move Pointer To Default Button	Disabled
Pointer Trails	Disabled
Sonar	Disabled

-----[Printers]-----

[Epson LX-100 (Default)]

Printer Properties:

Printer Name	Epson LX-100
Default Printer	Yes
Share Point	Not shared
Printer Port	LPT1:
Printer Driver	Epson LX-100 (v5.00)
Device Name	Epson LX-100
Print Processor	WinPrint
Separator Page	None
Availability	Always
Priority	1
Print Jobs Queued	0
Status	Unknown

Paper Properties:

Paper Size	A4, 210 x 297 mm
Orientation	Portrait
Print Quality	120 dpi Mono

Printer Manufacturer:

Company Name	Epson America, Inc.
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