

# LAVALYS EVEREST Ultimate Edition 2006 v3.50.848 Beta

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Ultimate Edition

Home Edition

CPU

/ /

Shareware

v3.50

Major New Features & Improvements:

- Hardware Monitoring / Vista Sidebar support
- IPMI System Event Log and Sensor information
- ACPI BIOS information
- Extended OpenGL information
- Chipset information for nVIDIA nForce 650i, 680i Series
- GPU information for nVIDIA GeForce 8800 (G80) Series

CPU related:

- Intel Processor Number detection for Celeron M ULV 443
- Intel Processor Number detection for Core 2 Duo E4300, E6390, T5200
- Intel Processor Number detection for Core 2 Quad Q6300, Q6400
- Intel Processor Number detection for Xeon 3110, 3120
- improved identification of new AMD Athlon 64 X2 (aka Brisbane - 512)
- physical CPU information for new Athlon 64 X2 (aka Brisbane - 512)
- physical CPU information for new Opteron (aka Santa Rosa)
- physical CPU information for Intel Core 2 Extreme (aka Kentsfield)
- physical CPU information for Intel Xeon 5300 Series (aka Clovertown)

- fixed: identification of AMD Athlon 64 FX - 7x (aka Windsor 4x4)
- fixed: identification of Intel Xeon UP 3000, 3100, 3200 Series
- fixed: Intel Processor Number detection for Xeon 5060, 5063
- fixed: physical CPU information for Intel Core 2 Duo (aka Allendale)
- fixed: CPU diode temperature measurement for Intel Core 2

Mobo chipset related:

- Motherboard / Chipset / Clock Generator information
- chipset information for Intel Crestline GM965/PM965
- chipset information for SiS R658
- preliminary chipset information for Intel Bearlake
- improved chipset information for nVIDIA nForce Pro 3600
- extended chipset information for nVIDIA GeForce 61xx Series
- extended chipset information for nVIDIA nForce 6100 - 4xx Series
- SMBus support for AMD - 8111 SMBus 2.00
- SMBus block read & write protocol support for ALi M1535 south bridge
- SMBus block read & write protocol support for ALi M1563+ south bridges
- SMBus block read & write protocol support for AMD south bridges
- SMBus block read & write protocol support for ATI south bridges
- SMBus block read & write protocol support for old Intel south bridges
- SMBus block read & write protocol support for VIA south bridges
- SPD memory information on Asus P5M2 Series motherboard
- SPD memory information on Asus P5MT Series motherboard
- SPD memory information for all 12 DIMMs on MSI MS - 9161 motherboard
- fixed: chipset information for VIA P4M890, P4M900
- fixed: DRAM rows list in DC asymmetric mode for Intel i910/915/925/E7210 Series
- fixed: DRAM rows list in DC asymmetric mode for Intel i940/945/955/975/E7230 Series
- fixed: DRAM rows list for Intel i848P/i865xx/i875P/E7210
- fixed: DRAM rows list for Intel iE7205/E7505
- fixed: DRAM rows list for Intel and VIA chipsets
- fixed: SMBus write methods for nForce2+

Mobo sensor related:

- Hardware Monitoring / new items: CPU Multiplier, CPU FSB
- Hardware Monitoring / new items: VRM, VRM1, VRM2 temperatures
- Hardware Monitoring / new items: Front, Rear, Aux fans
- Hardware Monitoring / new items: CPU3, CPU4, AGP temperature
- Hardware Monitoring / new items: CPU3, CPU4, OTES, OTES1, OTES2 fan
- Hardware Monitoring / new items: Aux1, Aux2, Aux3, Aux4, Aux4 fan
- Hardware Monitoring / new items: Fan #1 .. Fan #8 fan
- Hardware Monitoring / new items: Chassis #1 .. Chassis #9 fan
- Hardware Monitoring / new items: CPU3 Core, CPU4 Core voltage
- Hardware Monitoring / new items: +1.5 V, +1.8 V, DIMM VTT voltage
- Hardware Monitoring / new items: +12 V CPU1, +12 V CPU2, +12 V 4 - pin
- Hardware Monitoring / new items: North Bridge Core, South Bridge Core voltage
- Hardware Monitoring / new items: VTT, FSB VTT, VTR, 5VTR voltage
- Hardware Monitoring / new items: +3.3 V Standby, +5 V Standby voltage
- Hardware Monitoring / new items: HyperTransport, Network Adapter voltage
- Hardware Monitoring / new items: +0.9 V, +1.2 V, +1.25 V voltage
- Hardware Monitoring / new items: +1.3 V, +2.5 V, +2.6 V voltage
- Hardware Monitoring / new items: RIMM, PCI Express voltage
- Hardware Monitoring / new items: GMCH VTT, VDD, AGP VDDQ voltage
- Preferences / new page: Hardware Monitoring / OSD
- Preferences / new page: Hardware Monitoring / Vista Sidebar
- Preferences / revamped Hardware Monitoring items handling
- Preferences / Hardware Monitoring / External Applications / items config
- sensor support for Andigilog aSC7611, aSC7612
- motherboard specific sensor info for Abit AT9 32X
- motherboard specific sensor info for Abit SI7 Series
- motherboard specific sensor info for Asus KFN32 - D SLI Series
- motherboard specific sensor info for Asus M2N - MX
- motherboard specific sensor info for Asus P4RD1 - MX
- motherboard specific sensor info for Asus P5MT Series
- motherboard specific sensor info for Asus P5N32 - E Series

- motherboard specific sensor info for Asus P5SD1 - FM/P5SD2 - FM Series
- motherboard specific sensor info for Asus Striker Extreme
- motherboard specific sensor info for ECS 761GX Series
- motherboard specific sensor info for ECS nForce4M - A
- motherboard specific sensor info for ECS P4M890T - M/M2
- motherboard specific sensor info for Epox 5G945/5LDA+/5P945/5PL945 Series
- motherboard specific sensor info for Epox 9NPA3I/9NPA3J/9NPA3 Ultra
- motherboard specific sensor info for EVGA NF68
- motherboard specific sensor info for Foxconn 945G7MA/945P7MA
- motherboard specific sensor info for HP d530
- motherboard specific sensor info for Intel D975XBX2
- motherboard specific sensor info for MSI MS - 7037
- motherboard specific sensor info for MSI MS - 7255
- motherboard specific sensor info for MSI MS - 9161
- motherboard specific sensor info for Tyan S2696 Tempest i5000XT
- fixed: Preferences / Hardware Monitoring / listview group check/uncheck issues
- fixed: tray icons disappearing issues when explorer.exe crashes
- fixed: Ext. Apps and Vista Sidebar items left in Registry at Windows shutdown
- fixed: negative CPU temperature reading on Intel QST
- fixed: hardware monitoring item "VCPU3", "VCPU4" description
- fixed: hardware monitoring item "V5VSB" description
- fixed: motherboard specific sensor info for Abit VA - 10/VA - 11
- fixed: motherboard specific sensor info for Asus K8N - DL
- fixed: motherboard specific sensor info for Asus M2N - E/M2N - SLI Series
- fixed: motherboard specific sensor info for Asus M2N32 - SLI Series
- fixed: motherboard specific sensor info for Asus P5B - VM
- fixed: motherboard specific sensor info for Asus P5W DH
- fixed: motherboard specific sensor info for ECS 741GX - M
- fixed: motherboard specific sensor info for Epox 9NPA7I
- fixed: motherboard specific sensor info for Gigabyte M59SLI Series

GPU and video adapter related:

- detection of ATI Catalyst 6.10 driver
- detection of ATI Catalyst 6.11 driver
- detection of ATI Mobility Radeon X1900 (M68) video chip
- detection of ATI Mobility Radeon X2300 video chip
- detection of ATI Radeon X550 XTX (RV410) video chip
- detection of ATI Radeon X1300 XT (RV530) video chip
- detection of ATI Radeon X1650 Pro (RV530) video chip
- detection of nVIDIA GeForce 7350 LE video chip
- detection of nVIDIA GeForce 8800 GTS video chip
- detection of nVIDIA GeForce 8800 GTX video chip
- detection of Albatron 7350LE video card
- detection of Albatron 8800GTS, 8800GTX video cards
- detection of Asus EAX1300 XT video card
- detection of Asus EAX1650 Pro video card
- detection of Asus EN7350LE video card
- detection of Asus EN8800GTS, EN8800GTX video cards
- detection of Diamond Viper X1300XT video card
- detection of Diamond Viper X1650Pro video card
- detection of ELSA GLadiac 735LE video card
- detection of ELSA GLadiac 880GTS, 880GTX video cards
- detection of Gainward GeForce 7350 LE video card
- detection of Gainward GeForce 8800 GTS video card
- detection of Gainward GeForce 8800 GTX video card
- detection of Gigabyte GV - NX735L video card
- detection of Gigabyte GV - NX88S, GV - NX88X video cards
- detection of Gigabyte GV - RX13T video card
- detection of Gigabyte GV - RX165P video card
- detection of Inno3D Tornado GeForce 7350 LE video card
- detection of Inno3D Tornado GeForce 8800 GTS video card
- detection of Inno3D Tornado GeForce 8800 GTX video card
- detection of Leadtek WinFast PX7350 LE video card

- detection of Leadtek WinFast PX8800 GTS, PX8800 GTX video cards
- detection of MSI NX7350LE - E video card
- detection of MSI NX8800GTS - E, NX8800GTX - E video cards
- detection of MSI RX1300XT video card
- detection of MSI RX1650Pro video card
- GPU information for ATI Radeon X550 XTX (RV410)
- Preferences / Stability / new option: NVGPIO
- fixed: pushing nVIDIA GPUs to 3D clock only when 2D and 3D clock differs
- fixed: GPU clock calculation for nVIDIA GeForce 7800/7900 Series
- fixed: GPU memory type detection for ATI chips (DDRX)
- fixed: fan speed measurement for GeForce 7800, 7900 Series
- fixed: nVIDIA GPU diode temperature measurement on GeForce 6200/6600 Series
- fixed: OpenGL Extensions enumeration
- fixed: reporting OpenGL information

Storage related:

- RAID member enumeration for Promise SuperTrak EX Series RAID controllers

Software and operating system related:

- IE version detection for IE 7.0 Retail
- software license support for EA Games Need For Speed Carbon
- software license support for Microsoft Office 2007
- software license support for THQ Company of Heroes
- anti - spyware software support for SUPERAntiSpyware
- firewall software support for Sunbelt Kerio Personal Firewall
- Operating System / WPA information under Windows Vista
- fixed: IE updates detection for IE 7.0 Retail
- fixed: Windows Updates list

Misc:

- manifest is moved to separate file (everest.exe.manifest) to better support Vista UAC
- smart battery information for multiple batteries
- report submit to Lavalys via web upload
- fixed: About box design with 120 dpi font

- fixed: Command - Line Options window design with 120 dpi font
- fixed: CPUID panel design with 120 dpi font
- fixed: Cache & Memory Benchmark panel design with 120 dpi font
- fixed: MonDiag / design with 120 dpi font
- fixed: HTML and MHTML report display issues with Opera