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CPU-Benchmark Stadtschulen Solothurn

Intel Core 2 Duo L9400 testing with a HP 30EB under Ubuntu 10.04 via the Phoronix Test Suite.

Test Systems:

HP Elitebook

Processor: Intel Core 2 Duo L9400 @ 1.87GHz (2 Cores), Motherboard: HP 30EB, Chipset: Intel Mobile 4 MCH + ICH9M-E, Memory: 4096MB, Disk: 120GB TOSHIBA MK1216GS, Graphics: Intel Mobile 4 IGP 256MB, Audio: Analog Devices AD1984A, Monitor: S2433W

OS: Ubuntu 10.04, Kernel: 2.6.32-32-generic-pae (i686), Desktop: GNOME 2.30.2, Display Server: X Server 1.7.6, Display Driver: intel 2.9.1, OpenGL: 2.1 Mesa 7.7.1, Compiler: GCC 4.4.3, File-System: ext4, Screen Resolution: 1280x800

System Notes: Intel SpeedStep was enabled.

deltatronic Desktop

Processor: Intel Core 2 Duo E6850 @ 3.00GHz (2 Cores), Motherboard: ASUS P5W64 WS Pro, Chipset: Intel 82975X MCH + ICH7, Memory: 4 x 2048 MB DDR2, Disk: 2 x 1000GB Seagate ST31000340AS, Graphics: NVIDIA GeForce 8600 GTS, Audio: Analog Devices AD1988B

OS: Debian 6.0.2, Kernel: 2.6.32-5-amd64 (x86_64), Desktop: KDE 4.4.5, Display Server: X Server 1.7.7, Display Driver: NVIDIA 195.36.31, OpenGL: 3.2.0, Compiler: GCC 4.4.5, File-System: ext2/ext3, Screen Resolution: 1920x1200

System Notes: Firefox was running on this system. Intel SpeedStep was enabled.

Latitude D630

Processor: Intel Core 2 Duo T7100 @ 1.79GHz (2 Cores), Motherboard: Dell Latitude D630, Chipset: Intel Mobile PM965/GM965/GL960 + ICH8M, Memory: 2 x 1024 MB DDR-667MHz, Disk: 120GB FUJITSU MHW2120B, Graphics: NVIDIA Quadro NVS 135M, Audio: SigmaTel STAC9205

OS: Debian 6.0.1, Kernel: 2.6.32-5-686 (i686), Desktop: KDE 4.4.5, Display Server: X Server 1.7.7, Display Driver: NVIDIA 270.41.06, File-System: SquashFS + AuFS, Screen Resolution: 1280x800

System Notes: Firefox was running on this system.

Latitude E6400

Processor: Intel Core 2 Duo P8400 @ 2.26GHz (2 Cores), Motherboard: Dell 0G868N, Chipset: Intel Mobile 4 MCH + ICH9M-E, Memory: 1 x 2048 MB DDR2-800MHz, Disk: 160GB Western Digital WDC WD1600BJKT-7, Graphics: NVIDIA Quadro NVS 160M, Audio: IDT 92HD71B7X

OS: Debian 6.0.1, Kernel: 2.6.32-5-686 (i686), Desktop: KDE 4.4.5, Display Server: X Server 1.7.7, Display Driver: NVIDIA 1.0.0, Compiler: GCC 4.4.5, File-System: SquashFS + AuFS

System Notes: .

Lenovo T420

Processor: Intel Core i7-2620M @ 2.69GHz (4 Cores), Motherboard: LENOVO 418062G, Chipset: Intel Sandy Bridge, Memory: 1 x 4096 MB 1333MHz, Disk: 320GB HITACHI HTS72503, Graphics: Intel Sandy Bridge IGP, Audio: Conexant ID 506e

OS: Debian 6.0.1, Kernel: 2.6.32-5-686 (i686), Desktop: KDE 4.4.5, Display Server: X Server 1.7.7, Display Driver: intel 2.13.0, Compiler: GCC 4.4.5, File-System: SquashFS + AuFS

System Notes: .

Latitude E6420

Processor: Intel Core i7-2620M @ 2.70GHz (4 Cores), Motherboard: Dell 0K0DNP, Chipset: Intel 2nd Generation Core Family, Memory: 1 x 4096 MB 1333MHz, Disk: 320GB Hitachi HTS72323, Graphics: Intel 2nd Generation Core Family IGP 256MB (1300MHz), Audio: IDT 92HD90BXX

OS: LinuxMint 11, Kernel: 2.6.38-8-generic (i686), Desktop: LXDE, Display Server: X Server 1.10.1, Display Driver: intel 2.14.0, OpenGL: 2.1 Mesa 7.10.2, Compiler: GCC 4.5.2, File-System: SquashFS + AuFS, Screen Resolution: 1366x768

System Notes: Intel SpeedStep was enabled.

Lenovo X220

Processor: Intel Core i5-2520M @ 2.50GHz (4 Cores), Motherboard: LENOVO 429128G, Chipset: Intel 2nd Generation Core Family, Memory: 1 x 4096 MB, Disk: 320GB HITACHI HTS72323, Graphics: Intel 2nd Generation Core Family IGP 256MB (1300MHz), Audio: Conexant CX20590

OS: LinuxMint 11, Kernel: 2.6.38-8-generic (i686), Desktop: LXDE, Display Server: X Server 1.10.1, Display Driver: intel 2.14.0, OpenGL: 2.1 Mesa 7.10.2, Compiler: GCC 4.5.2, File-System: SquashFS + AuFS, Screen Resolution: 1366x768

System Notes: Intel SpeedStep was enabled.

Latitude E6220

Processor: Intel Core i5-2520M @ 2.50GHz (4 Cores), Motherboard: Dell 0R97MN, Chipset: Intel 2nd Generation Core Family, Memory: 1 x 4096 MB 1333MHz, Disk: 250GB Seagate ST250LT007-9ZV14, Graphics: Intel 2nd Generation Core Family IGP 256MB (1300MHz), Audio: IDT 92HD90BXX

OS: LinuxMint 11, Kernel: 2.6.38-8-generic (i686), Desktop: LXDE, Display Server: X Server 1.10.1, Display Driver: intel 2.14.0, OpenGL: 2.1 Mesa 7.10.2, Compiler: GCC 4.5.2, File-System: SquashFS + AuFS, Screen Resolution: 1366x768

System Notes: Firefox was running on this system. Intel SpeedStep was enabled.

Toshiba Tecra R840-10G

Processor: Intel Core i7-2620M @ 2.70GHz (4 Cores), Motherboard: TOSHIBA Portable PC, Chipset: Intel 2nd Generation Core Family, Memory: 4096 MB + 2048 MB 1333MHz, Disk: 500GB Seagate ST9500420AS, Graphics: AMD Radeon HD 6470M (600/800MHz), Audio: Realtek ALC269VB

OS: LinuxMint 11, Kernel: 2.6.38-8-generic (i686), Desktop: LXDE, Display Server: X Server 1.10.1, Display Driver: radeon 6.14.0, OpenGL: 2.1 Mesa 7.10.2 Gallium 0.4, Compiler: GCC 4.5.2, File-System: SquashFS + AuFS, Screen Resolution: 1366x768

System Notes: Intel SpeedStep was enabled.

Lenovo S10e

Processor: Intel Atom N270 @ 1.60GHz (2 Cores), Motherboard: Lenovo Kuril, Chipset: Intel Mobile 945GME MCH + ICH7-M, Memory: 2 x 512 MB DDR2-533MHz, Disk: 160GB HITACHI HTS54321, Graphics: Intel Mobile 945GME IGP 256MB, Audio: Realtek ALC269

OS: LinuxMint 11, Kernel: 2.6.38-8-generic (i686), Desktop: LXDE, Display Server: X Server 1.10.1, Display Driver: intel 2.14.0, OpenGL: 1.4 Mesa 7.10.2, Compiler: GCC 4.5.2, File-System: SquashFS + AuFS, Screen Resolution: 1024x576

System Notes: Intel SpeedStep was enabled. This was running on battery power.

IBM T60

Processor: Intel T2300 @ 1.67GHz (2 Cores), Motherboard: LENOVO 2007WB8, Chipset: Intel Mobile 945GM/PM/GMS + ICH7-M, Memory: 2 x 1024 MB DDR2, Disk: 60GB Hitachi HTS541060G9SA00, Graphics: ATI Radeon Mobility X1400 (392/350MHz), Audio: Analog Devices AD1981

OS: LinuxMint 11, Kernel: 2.6.38-8-generic (i686), Desktop: LXDE, Display Server: X Server 1.10.1, Display Driver: radeon 6.14.0, OpenGL: 2.1 Mesa 7.10.2 Gallium 0.4, Compiler: GCC 4.5.2, File-System: SquashFS + AuFS, Screen

Resolution: 1400x1050

System Notes: Firefox was running on this system. Intel SpeedStep was enabled.

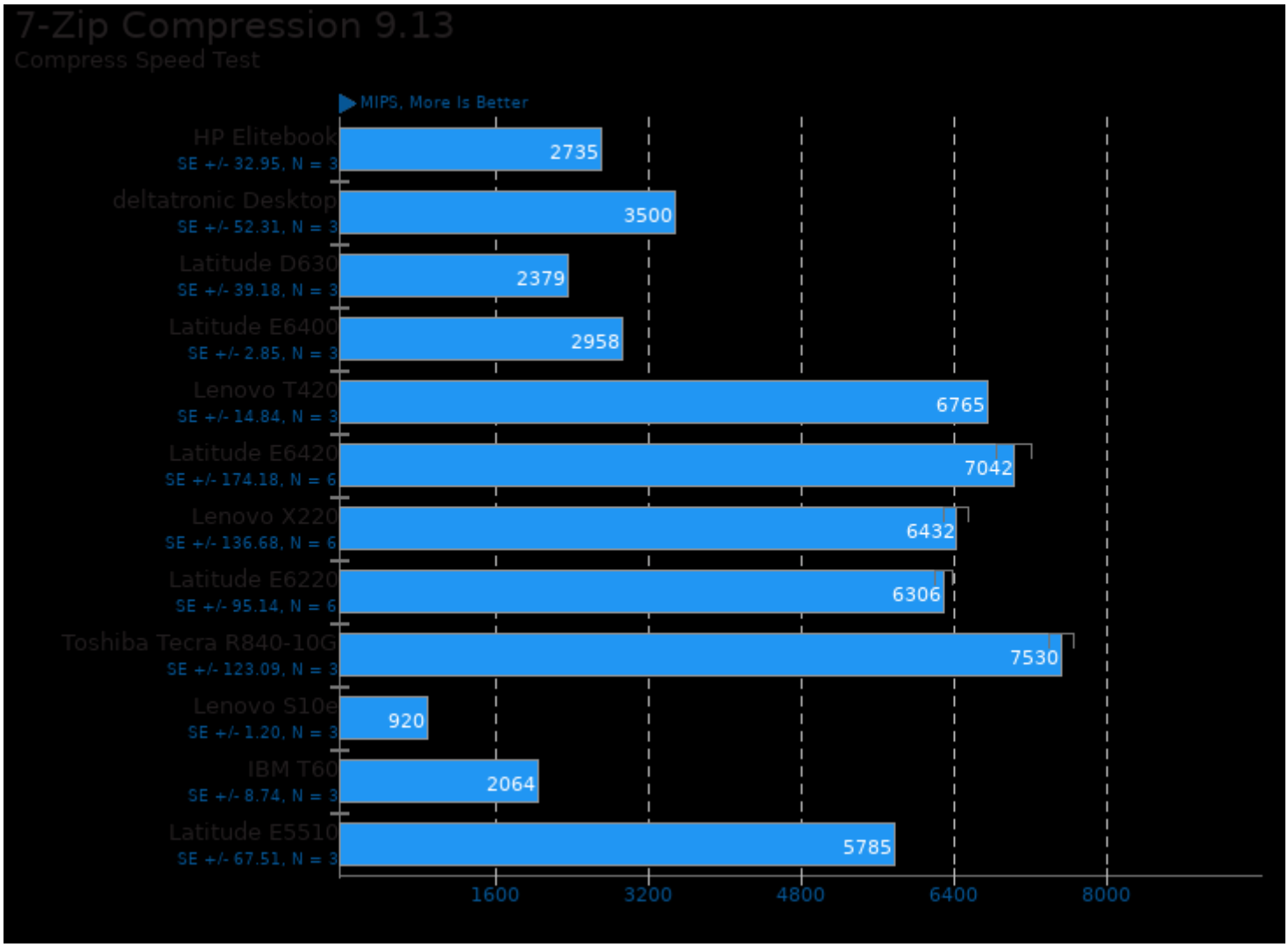
Latitude E5510

Processor: Intel Core i5 M 560 @ 2.67GHz (4 Cores), Motherboard: Dell 0HX99H, Chipset: Intel Core, Memory: 2 x 2048 MB 1067MHz, Disk: 250GB Western Digital WDC WD2500BEKT-7, Graphics: Intel Core IGP 256MB, Audio: IDT 92HD81B1X5

OS: LinuxMint 11, Kernel: 2.6.38-8-generic (i686), Desktop: LXDE, Display Server: X Server 1.10.1, Display Driver: intel 2.14.0, OpenGL: 2.1 Mesa 7.10.2, Compiler: GCC 4.5.2, File-System: SquashFS + AuFS, Screen Resolution: 1600x900

System Notes: Firefox was running on this system. Intel SpeedStep was enabled. This was running on battery power.

	HP Elitebook	deltatronic Desktop	Latitude D630	Latitude E6400	Lenovo T420	Latitude E6420	Lenovo X220	Latitude E6220	Toshiba Tecra R840-10G	Lenovo S10e	IBM T60	Latitude E5510
7-Zip Compression - C.S.T (MIPS)	2735	3500	2379	2958	6765	7042	6432	6306	**7530**	**920**	2064	5785
Normalized	36.32%	46.48%	31.59%	39.28%	89.84%	93.52%	85.42%	83.75%	100%	12.22%	27.41%	76.83%
Standard Deviation	2.1%	2.6%	2.9%	0.2%	0.4%	6.1%	5.2%	3.7%	2.8%	0.2%	0.7%	2%



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