

Operációs rendszerek BSc

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GTKStressTest

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GTKStressTest:

- Azz az applikáció lényege, hogy részletes képet ad a processzor használatáról, az alaplapról, az elérhető memóriáról. A felhasználó képes meghatározott időre, metódussal tesztelni. Ezek mellett a BIOSról is listáz ki pár adatot, mint látszik elég régi gépem van, 2011-es.

The screenshot displays the GTKStressTest application window. At the top, there are controls for stress tests: a dropdown for 'CPU: All methods', a time selector set to '30 mins', a 'Workers: Auto' dropdown, and a 'Start' button. Below these are input fields for 'Elapsed', 'Bogo Ops', and 'BOPSUST'. The main section is divided into expandable categories: Processor, Cache, Motherboard, and Memory. The Processor section is expanded, showing details for 'Processor #0' (Intel Core i5-2400), including cores (4), threads (4), bogomips (6185.72), family (6), model (42), stepping (7), flags, and bugs. The Cache section shows L1, L2, and L3 cache details. The Motherboard section shows vendor (Dell Inc.), model (0D28YY), revision (A02), and BIOS version (A11) and date (12/30/2011). The Memory section is partially visible with fields for size, speed, rank, type, manufacturer, and part number. A watermark 'Aktiválja a Windows...' is visible in the bottom right corner.

Stress tests			
CPU: All methods	30 mins	Workers: Auto	Start
Elapsed	Bogo Ops	BOPSUST	

Processor

Processor #0

Name	Intel Core i5-2400			Cores	4
Specification	Intel(R) Core(TM) i5-2400 CPU @ 3.10GHz			Threads	4
Package		Microcode	0x2f	Bogomips	6185.72
Family	6 (6h)	Model	42 (2Ah)	Stepping	7 (7h)
Flags	MMX, SSE(1, 2, 3, 3S, 4.1, 4.2), AVX(1), AES, CLMUL, VT-x, x86-64				More...
Bugs	Cpu Meltdown, Itlb Multihit, L1Tf, Mds, Spec Store Bypass, Spectre V1, Spectre V2, Swapgs				More...

Cache

L1 Data	4 x 32 KiB (128 KiB)	8-way	64 sets
L1 Inst.	4 x 32 KiB (128 KiB)	8-way	64 sets
Level 2	4 x 256 KiB (1 MiB)	8-way	512 sets
Level 3	1 x 6 MiB (6 MiB)	12-way	8192 sets

Motherboard

Vendor		Dell Inc.		BIOS	
Model		0D28YY		Vendor	
Revision		A02		Version	
				Date	
				12/30/2011	

Memory

(Click "Read all")

Size	Speed	Rank
Type	Type Detail	
Manufacturer	Part Number	

Press "Read all" button on the top-left corner to read RAM information