How to Find Processor and Windows Capabilities

Checking for SSE2 Support

Note: this is for 32-bit processors only; 64-bit processors should all have SSE2.

Download the CPU-Z utility from:

http://download.cnet.com/CPU-Z/3000-2086 4-10050423.html

then install and run it. The CPU-Z window displays the supported instruction sets as shown in the examples below and on the next page:

🖪 CPU-Z					_					
CPU Caches Mainboard Memory SPD Graphics Bench About										
Name	AMD Athlon MP									
Code Name	Palomino Brand ID AMI									
Package	Socket A (462)									
Technology	0.18 um	Core Voltage			DV	MP				
Specification	AMD Athlon™ XP1700+									
Family	6	Mo	del	6	Stepping	2				
Ext. Family	7	Ext, Mo	del	6	Revision	A5				
Instructions	Instructions MMX(+), 3DNow!(+), SSE									
7	J									
Clocks (Core	#0)		Cache							
Core Speed	1110.00 MHz		L1 Data 6		64 KBytes	2-way				
Multiplier	x 11.0		L1 Inst.		64 KBytes	2-way				
Bus Speed	100.91 MHz		Level 2		256 KBytes	16-way				
Rated FSB	201.82 MHz		Level 3							
Selection Socket #1 Cores 1 Threads 1										
CPU-Z Ver. 1.81.1.x32 Tools Validate Close										

CPU-Z output on non-SSE2 processor

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10	CPU-Z										
ſ	CPU Caches Mainboard Memory SPD Graphics Bench About										
1	Processor										
	Name	Intel Pentium M									
	Code Name	Banias Brand ID 22									
	Package	Socket 479 mPGA									
	Technology	0.13 um Core VID 0.956 V Pentium M Inside"									
	Specification	Intel® Pentium® M processor 1700MHz									
	Family	6	M	odel 9	l St	epping:	5				
	Ext. Family	6	Ext. M	odel 9	r R	evision	B1				
	Instructions	MMX, SSE,	SSE2								
ų			_								
	Clocks (Core #	Core #0)									
	Core Speed	598.00 MHz × 6.0 (6 - 17) 99.67 MHz		L1 Data	32 KB	ytes	8-way				
	Multiplier			L1 Inst.	32 KB	ytes	8-way				
	Bus Speed			Level 2	1 MB;	ytes	8-way				
	Rated FSB	398.67 MHz Level 3									
	Selection Socket #1 Cores 1 Threads 1										
	CPU-Z	/er. 1.81.1	.x32	Tools 🔻	Valida	te	Close				

CPU-Z output on processor with SSE2 support

Finding Service Pack Level of Windows XP

- 1. Right-click the *Start* button.
- 2. Choose the *Explore* command.



- 3. Pull down the Windows Explorer <u>Help</u> menu.
- 4. Choose <u>About Windows</u>.



5. The Version and Service Pack number are shown in the About Windows box:



Finding Service Pack Level of post-XP Windows

- 1. Click the *Start* button.
- 2. Right-click Computer.
- 3. Click Properties.



4. The edition of Windows you are running is displayed under Windows edition near the top of the window.



Richard Stonehouse