

Processor Number Feature Table

Type	Intel® Brand or Processor Family	Processor Name	Architecture	Cache (MB/KB)	Clock Speed (GHz/MHz)	Front Side Bus (MHz)	Dual-core	VT**	HT	EIST***	EM64T†	Execute Disable°	
Desktop	Intel® Pentium® Processor Extreme Edition	Intel® Pentium® Processor Extreme Edition 840	90nm, LGA775	2 x 1 MB L2 Cache	3.20 GHz	800 MHz	Yes	No	Yes	No	Yes	Yes	
	Intel® Pentium® D processor	Intel® Pentium® D processor 840	90nm, LGA775	2 x 1 MB L2 Cache	3.20 GHz	800 MHz	Yes	No	No	Yes	Yes	Yes	
	Intel® Pentium® D processor	Intel® Pentium® D processor 830	90nm, LGA775	2 x 1 MB L2 Cache	3 GHz	800 MHz	Yes	No	No	Yes	Yes	Yes	
	Intel® Pentium® D processor	Intel® Pentium® D processor 820	90nm, LGA775	2 x 1 MB L2 Cache	2.80 GHz	800 MHz	Yes	No	No	No	Yes	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 670 supporting Hyper-Threading Technology	90nm, LGA775	2 MB L2 Cache	3.80 GHz	800 MHz	No	No	Yes	Yes	Yes	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 660 supporting Hyper-Threading Technology	90nm, LGA775	2 MB L2 Cache	3.60 GHz	800 MHz	No	No	Yes	Yes	Yes	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 650 supporting Hyper-Threading Technology	90nm, LGA775	2 MB L2 Cache	3.40 GHz	800 MHz	No	No	Yes	Yes	Yes	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 640 supporting Hyper-Threading Technology	90nm, LGA775	2 MB L2 Cache	3.20 GHz	800 MHz	No	No	Yes	Yes	Yes	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 630 supporting Hyper-Threading Technology	90nm, LGA775	2 MB L2 Cache	3 GHz	800 MHz	No	No	Yes	Yes	Yes	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 571 supporting Hyper-Threading Technology	90nm, LGA775	1 MB L2 Cache	3.80 GHz	800 MHz	No	No	Yes	No	Yes	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 570J supporting Hyper-Threading Technology	90nm, LGA775	1 MB L2 Cache	3.80 GHz	800 MHz	No	No	Yes	No	Yes	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 561 supporting Hyper-Threading Technology	90nm, LGA775	1 MB L2 Cache	3.60 GHz	800 MHz	No	No	Yes	No	Yes	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 560J supporting Hyper-Threading Technology	90nm, LGA775	1 MB L2 Cache	3.60 GHz	800 MHz	No	No	Yes	No	No	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 560 supporting Hyper-Threading Technology	90nm, LGA775	1 MB L2 Cache	3.60 GHz	800 MHz	No	No	Yes	No	No	No	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 551 supporting Hyper-Threading Technology	90nm, LGA775	1 MB L2 Cache	3.40 GHz	800 MHz	No	No	Yes	No	Yes	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 550J supporting Hyper-Threading Technology	90nm, LGA775	1 MB L2 Cache	3.40 GHz	800 MHz	No	No	Yes	No	No	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 550 supporting Hyper-Threading Technology	90nm, LGA775	1 MB L2 Cache	3.40 GHz	800 MHz	No	No	Yes	No	No	No	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 541 supporting Hyper-Threading Technology	90nm, LGA775	1 MB L2 Cache	3.20 GHz	800 MHz	No	No	Yes	No	Yes	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 540J supporting Hyper-Threading Technology	90nm, LGA775	1 MB L2 Cache	3.20 GHz	800 MHz	No	No	Yes	No	No	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 540 supporting Hyper-Threading Technology	90nm, LGA775	1 MB L2 Cache	3.20 GHz	800 MHz	No	No	Yes	No	No	No	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 531 supporting Hyper-Threading Technology	90nm, LGA775	1 MB L2 Cache	3 GHz	800 MHz	No	No	Yes	No	Yes	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 530J supporting Hyper-Threading Technology	90nm, LGA775	1 MB L2 Cache	3 GHz	800 MHz	No	No	Yes	No	No	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 530 supporting Hyper-Threading Technology	90nm, LGA775	1 MB L2 Cache	3 GHz	800 MHz	No	No	Yes	No	No	No	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 521 supporting Hyper-Threading Technology	90nm, LGA775	1 MB L2 Cache	2.80 GHz	800 MHz	No	No	Yes	No	Yes	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 520J supporting Hyper-Threading Technology	90nm, LGA775	1 MB L2 Cache	2.80 GHz	800 MHz	No	No	Yes	No	No	Yes	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 520 supporting Hyper-Threading Technology	90nm, LGA775	1 MB L2 Cache	2.80 GHz	800 MHz	No	No	Yes	No	No	No	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 519J	90nm, LGA775	1 MB L2 Cache	3.06 GHz	533 MHz	No	No	No	No	No	No	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 515J	90nm, LGA775	1 MB L2 Cache	2.93 GHz	533 MHz	No	No	No	No	No	No	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 515	90nm, LGA775	1 MB L2 Cache	2.93 GHz	533 MHz	No	No	No	No	No	No	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 505J	90nm, LGA775	1 MB L2 Cache	2.66 GHz	533 MHz	No	No	No	No	No	No	
	Intel® Pentium® 4 processor	Intel® Pentium® 4 processor 505	90nm, LGA775	1 MB L2 Cache	2.66 GHz	533 MHz	No	No	No	No	No	No	
	Intel® Celeron® D processor	Intel® Celeron® D processor 351	90nm, LGA775	256 KB L2 Cache	3.26 GHz	533 MHz	No	No	No	No	No	Yes	Yes
	Intel® Celeron® D processor	Intel® Celeron® D processor 350	90 nm	256 KB L2 Cache	3.26 GHz	533 MHz	No	No	No	No	No	No	No
	Intel® Celeron® D processor	Intel® Celeron® D processor 346	90 nm, LGA775	256 KB L2 Cache	3.06 GHz	533 MHz	No	No	No	No	No	Yes	Yes
	Intel® Celeron® D processor	Intel® Celeron® D processor 345J	90 nm, LGA775	256 KB L2 Cache	3.06 GHz	533 MHz	No	No	No	No	No	No	Yes
	Intel® Celeron® D processor	Intel® Celeron® D processor 345	90 nm	256 KB L2 Cache	3.06 GHz	533 MHz	No	No	No	No	No	No	No
	Intel® Celeron® D processor	Intel® Celeron® D processor 341	90 nm, LGA775	256 KB L2 Cache	2.93 GHz	533 MHz	No	No	No	No	No	Yes	Yes
	Intel® Celeron® D processor	Intel® Celeron® D processor 340J	90 nm, LGA775	256 KB L2 Cache	2.93 GHz	533 MHz	No	No	No	No	No	No	Yes
	Intel® Celeron® D processor	Intel® Celeron® D processor 340	90 nm	256 KB L2 Cache	2.93 GHz	533 MHz	No	No	Yes	No	No	No	No
	Intel® Celeron® D processor	Intel® Celeron® D processor 336	90 nm, LGA775	256 KB L2 Cache	2.80 GHz	533 MHz	No	No	No	No	No	Yes	Yes
	Intel® Celeron® D processor	Intel® Celeron® D processor 335J	90 nm, LGA775	256 KB L2 Cache	2.80 GHz	533 MHz	No	No	No	No	No	No	Yes
	Intel® Celeron® D processor	Intel® Celeron® D processor 335	90 nm	256 KB L2 Cache	2.80 GHz	533 MHz	No	No	No	No	No	No	No
	Intel® Celeron® D processor	Intel® Celeron® D processor 331	90 nm, LGA775	256 KB L2 Cache	2.66 GHz	533 MHz	No	No	No	No	No	Yes	Yes
	Intel® Celeron® D processor	Intel® Celeron® D processor 330J	90 nm, LGA775	256 KB L2 Cache	2.66 GHz	533 MHz	No	No	No	No	No	No	Yes
	Intel® Celeron® D processor	Intel® Celeron® D processor 330	90 nm	256 KB L2 Cache	2.66 GHz	533 MHz	No	No	Yes	No	No	No	No
	Intel® Celeron® D processor	Intel® Celeron® D processor 326	90 nm, LGA775	256 KB L2 Cache	2.53 GHz	533 MHz	No	No	No	No	No	Yes	Yes
Intel® Celeron® D processor	Intel® Celeron® D processor 325J	90 nm, LGA775	256 KB L2 Cache	2.53 GHz	533 MHz	No	No	No	No	No	No	Yes	
Intel® Celeron® D processor	Intel® Celeron® D processor 325	90 nm	256 KB L2 Cache	2.53 GHz	533 MHz	No	No	No	No	No	No	No	
Intel® Celeron® D processor	Intel® Celeron® D processor 320	90 nm	256 KB L2 Cache	2.40 GHz	533 MHz	No	No	No	No	No	No	No	
Intel® Celeron® D processor	Intel® Celeron® D processor 315	90 nm	256 KB L2 Cache	2.26 GHz	533 MHz	No	No	No	No	No	No	No	

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Notebook	Intel® Centrino™ mobile technology*	Intel® Pentium® M processor 780	90 nm	2MB L2 Cache	2.26 GHz	533 MHz	No	No	No	Yes	No	Yes
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor 770	90 nm	2MB L2 Cache	2.13GHz	533 MHz	No	No	No	Yes	No	Yes
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor 765	90 nm	2 MB L2 Cache	2.10 GHz	400 MHz	No	No	No	Yes	No	No
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor 760	90 nm	2 MB L2 Cache	2 GHz	533 MHz	No	No	No	Yes	No	Yes
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor 755	90 nm	2 MB L2 Cache	2 GHz	400 MHz	No	No	No	Yes	No	No
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor 750	90 nm	2 MB L2 Cache	1.86 GHz	533 MHz	No	No	No	Yes	No	Yes
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor 745	90 nm	2 MB L2 Cache	1.80 GHz	400 MHz	No	No	No	Yes	No	No
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor 740	90 nm	2 MB L2 Cache	1.73 GHz	533 MHz	No	No	No	Yes	No	Yes
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor 735	90 nm	2 MB L2 Cache	1.70 GHz	400 MHz	No	No	No	Yes	No	No
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor 730	90 nm	2 MB L2 Cache	1.60 GHz	533 MHz	No	No	No	Yes	No	Yes
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor 725	90 nm	2 MB L2 Cache	1.60 GHz	400 MHz	No	No	No	Yes	No	No
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor 715	90 nm	2 MB L2 Cache	1.50 GHz	400 MHz	No	No	No	Yes	No	No
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor 710	90 nm	2 MB L2 Cache	1.40 GHz	400 MHz	No	No	No	Yes	No	No
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor 705	130 nm	1 MB L2 Cache	1.50 GHz	400 MHz	No	No	No	Yes	No	No
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor Low Voltage 778	90 nm	2 MB L2 Cache	1.60 GHz	400 MHz	No	No	No	Yes	No	Yes
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor Low Voltage 758	90 nm	2 MB L2 Cache	1.50 GHz	400 MHz	No	No	No	Yes	No	Yes
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor Low Voltage 738	90 nm	2 MB L2 Cache	1.40 GHz	400 MHz	No	No	No	Yes	No	No
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor Low Voltage 718	130 nm	1 MB L2 Cache	1.30 GHz	400 MHz	No	No	No	Yes	No	No
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor Ultra Low Voltage 753	90 nm	2 MB L2 Cache	1.20 GHz	400 MHz	No	No	No	Yes	No	Yes
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor Ultra Low Voltage 733J	90 nm	2 MB L2 Cache	1.10 GHz	400 MHz	No	No	No	Yes	No	Yes
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor Ultra Low Voltage 733	90 nm	2 MB L2 Cache	1.10 GHz	400 MHz	No	No	No	Yes	No	No
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor Ultra Low Voltage 723	90 nm	2 MB L2 Cache	1 GHz	400 MHz	No	No	No	Yes	No	No
	Intel® Centrino™ mobile technology	Intel® Pentium® M processor Ultra Low Voltage 713	130 nm	1 MB L2 Cache	1.10 GHz	400 MHz	No	No	No	Yes	No	No
	Intel® Celeron® M processor	Intel® Celeron® M processor 380	90 nm	1 MB L2 Cache	1.60 GHz	400 MHz	No	No	No	No	No	Yes
	Intel® Celeron® M processor	Intel® Celeron® M processor 370	90 nm	1 MB L2 Cache	1.50 GHz	400 MHz	No	No	No	No	No	Yes
	Intel® Celeron® M processor	Intel® Celeron® M processor 360J	90 nm	1 MB L2 Cache	1.40 GHz	400 MHz	No	No	No	No	No	Yes
	Intel® Celeron® M processor	Intel® Celeron® M processor 360	90 nm	1 MB L2 Cache	1.40 GHz	400 MHz	No	No	No	No	No	No
	Intel® Celeron® M processor	Intel® Celeron® M processor 350J	90 nm	1 MB L2 Cache	1.30 GHz	400 MHz	No	No	No	No	No	Yes
	Intel® Celeron® M processor	Intel® Celeron® M processor 350	90 nm	1 MB L2 Cache	1.30 GHz	400 MHz	No	No	No	No	No	No
	Intel® Celeron® M processor	Intel® Celeron® M processor 340	130 nm	512 KB L2 Cache	1.50 GHz	400 MHz	No	No	No	No	No	No
	Intel® Celeron® M processor	Intel® Celeron® M processor 330	130 nm	512 KB L2 Cache	1.40 GHz	400 MHz	No	No	No	No	No	No
	Intel® Celeron® M processor	Intel® Celeron® M processor 320	130 nm	512 KB L2 Cache	1.30 GHz	400 MHz	No	No	No	No	No	No
	Intel® Celeron® M processor	Intel® Celeron® M processor 310	130 nm	512 KB L2 Cache	1.20 GHz	400 MHz	No	No	No	No	No	No
	Intel® Celeron® M processor	Intel® Celeron® M processor Ultra Low Voltage 383	90 nm	1 MB L2 Cache	1 GHz	400 MHz	No	No	No	No	No	Yes
	Intel® Celeron® M processor	Intel® Celeron® M processor Ultra Low Voltage 373	90 nm	512 KB L2 Cache	1 GHz	400 MHz	No	No	No	No	No	Yes
	Intel® Celeron® M processor	Intel® Celeron® M processor Ultra Low Voltage 353	90 nm	512 KB L2 Cache	900 MHz	400 MHz	No	No	No	No	No	No
	Intel® Celeron® M processor	Intel® Celeron® M processor Ultra Low Voltage 333	130 nm	512 KB L2 Cache	900 MHz	400 MHz	No	No	No	No	No	No
	Mobile Intel® Pentium® 4 processor	Mobile Intel® Pentium® 4 processor 552 supporting Hyper-Threading Technology	90 nm	1 MB L2 Cache	3.46 GHz	533 MHz	No	No	Yes	Yes	No	No
	Mobile Intel® Pentium® 4 processor	Mobile Intel® Pentium® 4 processor 548 supporting Hyper-Threading Technology	90 nm	1 MB L2 Cache	3.33 GHz	533 MHz	No	No	Yes	Yes	No	No
	Mobile Intel® Pentium® 4 processor	Mobile Intel® Pentium® 4 processor 538 supporting Hyper-Threading Technology	90 nm	1 MB L2 Cache	3.20 GHz	533 MHz	No	No	Yes	Yes	No	No
	Mobile Intel® Pentium® 4 processor	Mobile Intel® Pentium® 4 processor 532 supporting Hyper-Threading Technology	90 nm	1 MB L2 Cache	3.06 GHz	533 MHz	No	No	Yes	Yes	No	No
	Mobile Intel® Pentium® 4 processor	Mobile Intel® Pentium® 4 processor 518 supporting Hyper-Threading Technology	90 nm	1 MB L2 Cache	2.80 GHz	533 MHz	No	No	Yes	Yes	No	No

Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families. See http://www.intel.com/products/processor_number for details.

*Combines Intel's best mobile technologies, including the Intel® Pentium® M processor, Mobile Intel® 915 Express chipset family or Intel® 855 chipset family, and Intel® PRO/Wireless network connection.

° Enabling Execute Disable Bit functionality requires a PC with a processor with Execute Disable Bit capability and a supporting operating system. Check with your PC manufacturer on whether your system delivers Execute Disable Bit functionality.

**Intel® Virtualization Technology requires a computer system with a processor, chipset, BIOS, virtual machine monitor (VMM) and for some uses, certain platform software, enabled for it. Functionality, performance or other benefit will vary depending on

***EIST denotes Enhanced Intel Speedstep® Technology.

[†]Intel® Extended Memory 64 Technology (Intel® EM64T) requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel EM64T. Processor will not operate (including 32-bit operation) without an

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