

Intel Mobile CPUs

Spec Levels

FG-PDX

- 2 GB RAM
- ≤ 80 GB HDD

AS-IS

- ≤ 2 GB RAM
- NO HARD DRIVE

Low-End

- 2 GB RAM
- 40 – 80 GB HDD

Mid-Grade

- 2 GB RAM
- 80 – 250 GB HDD

High-End

- 2 – 8GB RAM
- 160 – 500 GB HDD

“Schmancy”

- 4 – 8GB RAM
- 320+ GB HDD

Banias

2003 – 2004
130nm
32-bit

Dothan

2004 – 2005
90nm
32-bit

Yonah

2006
65nm
32-bit

Merom

2006 – 2008
65nm
64-bit

Penryn

2008 – 2009
45nm
64-bit

Clarksfield

2010
45nm
64-bit

Arrandale

2010 – 2011
32nm
64-bit

Sandy Bridge

2011 – 2012
32nm
64-bit

Ivy Bridge

2012 - 2013
22nm
64-bit

Core 2 Quad

- quad-core
- 2 – 2.53 GHz
- 6 or 12 MB L2 cache
- Q9000 to QX9300

Core i7

- quad-core
- 1.6 – 2.13 GHz
- 6 or 8 MB L3 cache
- Turbo Boost
- HyperThreading
- 720QM to 940XM

Core i7

- dual-core
- 1.07 – 2.8 GHz
- 4MB L3 cache
- Turbo Boost
- HyperThreading
- 610E to 640M
- 620LE to 660LM*
- 620UM to 680UM**

Core i7

- dual- or quad-core
- 1.5 – 2.8 GHz
- 4 or 6 MB L3 cache
- Turbo Boost
- HyperThreading
- 2620 to 2677M
- 2630QM to 2960XM

Core i7

- dual- or quad-core
- 1.7 – 3 GHz
- 4 – 8 MB L3 cache
- Turbo Boost
- HyperThreading
- 3520M, 3555LE*, 3517U**, 3667U**

Core Duo

- dual-core
- 1.07 – 2.33 GHz
- 2MB L2 cache
- T2050 to T2700
- L2300 to L2500*
- U2400 to U2500**

Core 2 Duo

- dual-core
- 1.07 – 2.8 GHz
- 2 or 4 MB L2 cache
- T5200 to T5900
- T7100 to T7800
- L7100 to L7700*
- U7500 to U7700**

Core 2 Duo

- dual-core
- 1.2 – 3.07 GHz
- 2 – 6 MB L2 cache
- T6400 to T9900
- P7xxx* to P9xxx*
- SU7xxx, SU9xxx**

Core i5

- dual-core
- 1.07 – 2.67 GHz
- 3MB L3 cache
- Turbo Boost
- HyperThreading
- 430M to 580M
- 430UM to 560UM**

Core i5

- dual-core
- 1.4 – 2.6 GHz
- 3MB L3 cache
- Turbo Boost
- HyperThreading
- 2410M to 2540M
- 2467M to 2557M**

Core i5

- dual-core
- 1.7 – 2.8 GHz
- 3MB L3 cache
- Turbo Boost
- HyperThreading
- 3210M to 3610M
- 3317U, 3427U

Pentium M

- single-core
- 900 – 1800 MHz
- 1MB L2 cache

Pentium M

- single-core
- 1.0 – 2.27 GHz
- 2MB L2 cache
- 710 to 780

Core Solo

- single-core
- 1.07 – 2 GHz
- 2MB L2 cache
- T1200 to T1500
- U1300 to U1500

Core 2 Solo

- single-core
- 1.07 – 1.2 GHz
- 1MB L2 cache
- U2100, U2200**

Core 2 Solo

- single-core
- 1.2 – 1.4 GHz
- 3MB L2 cache
- SU3300, SU3500**

Core i3

- dual-core
- 1.2 – 2.67 GHz
- 3MB L3 cache
- HyperThreading
- 330M to 390M
- 330UM, 380UM**

Core i3

- dual-core
- 1.3 – 2.4 GHz
- 3MB L3 cache
- HyperThreading
- 2310M to 2370M
- 2357M to 2377M**

Core i3

- dual-core
- 1.6 – 2.5 GHz
- 3MB L3 cache
- HyperThreading
- 3110M, 3120M
- 3217U**

Pentium Dual-Core

- dual-core
- 1.6 – 1.86 GHz
- 1MB L2 cache
- T2060, T2080, T2130

Pentium Dual-Core

- dual-core
- 1.47 – 2.17 GHz
- 1MB L2 cache
- T2310 to T3400

Pentium

- single- or dual-core
- 1.3 – 2.3 GHz
- 1 or 2MB L2 cache
- T4200 to T4500
- SU2700, SU4100**

Pentium

- dual-core
- 1.2 – 2.27 GHz
- 3MB L3 cache
- P6000 to P6300
- U5400, U5600**

Pentium

- dual-core
- 1.2 – 2.4 GHz
- 2MB L3 cache
- B940 to B980
- 957 to 997**

Pentium

- dual-core
- 1.8 – 2.4 GHz
- 2MB L3 cache
- 2020M, 2117U**

Celeron M

- single-core
- 600 – 1500 MHz
- 512KB L2 cache
- 310 to 340, 600**, 800*

Celeron M

- single-core
- 900 – 1700 MHz
- 512KB or 1MB L2 cache
- 350 to 390, 205**

Celeron M

- single-core
- 1.07 – 2 GHz
- 512KB or 1MB L2 cache
- 410 to 450, 215** models

Celeron

- single- or dual-core
- 1.0 – 2.26 GHz
- 512KB - 1MB L2
- 520 to 585
- 523 and 573**
- T1400 to T1700 are dual-core

Celeron

- single- or dual-core
- 1.2 – 2.3 GHz
- 1MB L2 cache
- 900, 925 models
- 722 to 763**
- T3000 to T3500 are dual-core

Celeron

- dual-core
- 1.07 – 2 GHz
- 2MB L3 cache
- P4500 to P4600
- U3400 to U3600**

Celeron

- single- or dual-core
- 1 – 1.9 GHz
- 1.5 or 2MB L3 cache
- B710 to B840
- 787 to 887**

Celeron

- dual-core
- 1.5 – 2.1 GHz
- 2MB L3 cache
- 10xxM series