



Memperkenalkan, Prosesor Intel® Pentium® Dual-Core E2000 sequence

Memperkenalkan jajaran prosesor terbaru Intel untuk PC dengan harga terjangkau dan kinerja yang luar biasa, yaitu prosesor Intel® Pentium® Dual-core E2140, E2160 berbasis Intel® Core™ Microarchitecture.

Q : Apa itu prosesor Intel® Pentium® Dual Core E2140 & E2160?

A : Anggota baru keluarga prosesor Intel dengan teknologi Intel Core™ Micro-architecture yang ditujukan untuk segmentasi pasar value-PC.

Q : Apa saja fitur dari prosesor Intel® Pentium® Dual Core E2140 dan E2160 ini?

A : Prosesor Intel® Pentium® Dual Core E2140 dan E2160 ini memiliki fitur sbb :

- Dual core, berbasis Intel® Core™ Micro-architecture
- Clock-speed 1.6GHz (E2140) dan 1.8GHz (E2160)
- Memiliki Shared L2 Cache memory sebesar **1 MB**
- Front Side Bus 800 MHz
- Mendukung teknologi Enhanced Intel Speed Step.
- Mendukung teknologi Intel® 64 (64-bit)
- 65 watt TDP
- Soket LGA775

Processor Number	Clock Speed (GHz)	FSB (MHz)	L2 Cache	TDP
E2140	1.6	800	1 MB	65 Watt
E2160	1.8	800	1 MB	65 Watt

Q : Apa kelebihan prosesor ini jika dibandingkan dengan prosesor Intel® Pentium® D 925?

A : Karena prosesor ini telah menggunakan teknologi Intel Core™ Micro-architecture yang juga digunakan pada jajaran prosesor Intel® Core™ 2 Duo, maka prosesor Intel® Pentium™ Dual Core ini memiliki kinerja yang lebih tinggi (20% - 40%) dengan clock speed yang lebih rendah jika dibandingkan dengan prosesor Pentium D 925

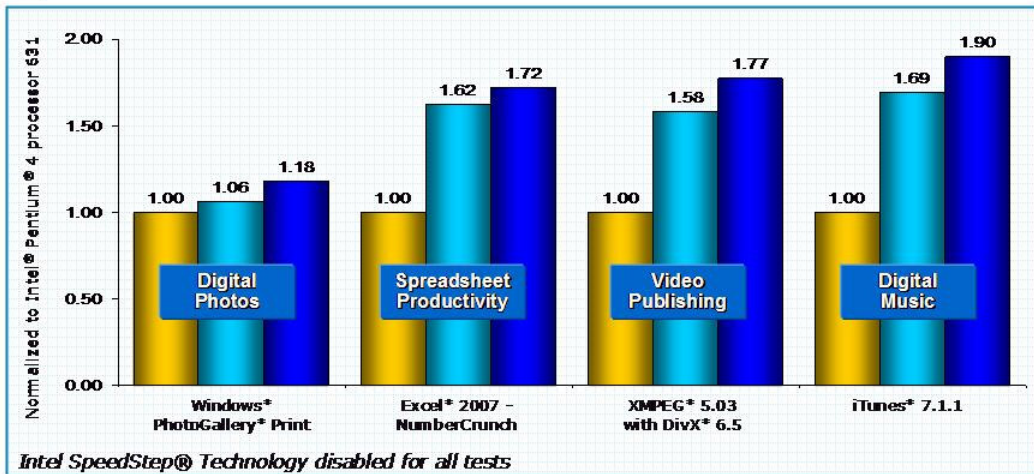
Q : Bagaimana jika dibandingkan dengan prosesor Intel® Pentium® 4?

A : Prosesor Intel Pentium Dual Core E2xxx ini memiliki kinerja 20% - 75% lebih cepat daripada prosesor Pentium 4 sekuens 631 atau 641.

Silakan melihat ilustrasi grafis perbandingan kinerja prosesor Intel Pentium Dual Core di halaman berikut ini

Intel® Pentium® Dual-Core processors: Performance Capabilities

- Intel® Pentium® Dual-Core processor 2160 (1.80 GHz, 800 MHz FSB, 1 MB L2 Cache)
- Intel® Pentium® Dual-Core processor 2140 (1.60 GHz, 800 MHz FSB, 1 MB L2 Cache)
- Intel® Pentium® 4 processor 631 (3 GHz, 800 MHz FSB, 2 MB L2 Cache)



The Intel Pentium Dual-Core processors are a great choice for the performance and value conscious consumer

Source: Intel. Configurations: Processors as listed above. All systems: Intel® D946GZIS, Intel® Graphics Media Accelerator 950, Chipset Install file 8.1.1.1010, Micron® 2x512MB DDR2 667 5-5-5-15, Seagate® Barracuda® 320GB NCQ SATA2 7200RPM, Windows® Vista® Ultimate RTM Build 6000 I1FS. Performance tests and ratings are measured using specific systems and/or components and reflect approximate performance of Intel products as measured by those tests. Any difference in system hardware, software, or configuration may affect actual performance. Buyers should consult other sources of information to evaluate system or component performance they are considering purchasing. For information on performance tests and performance of Intel products, visit www.intel.com/performance/

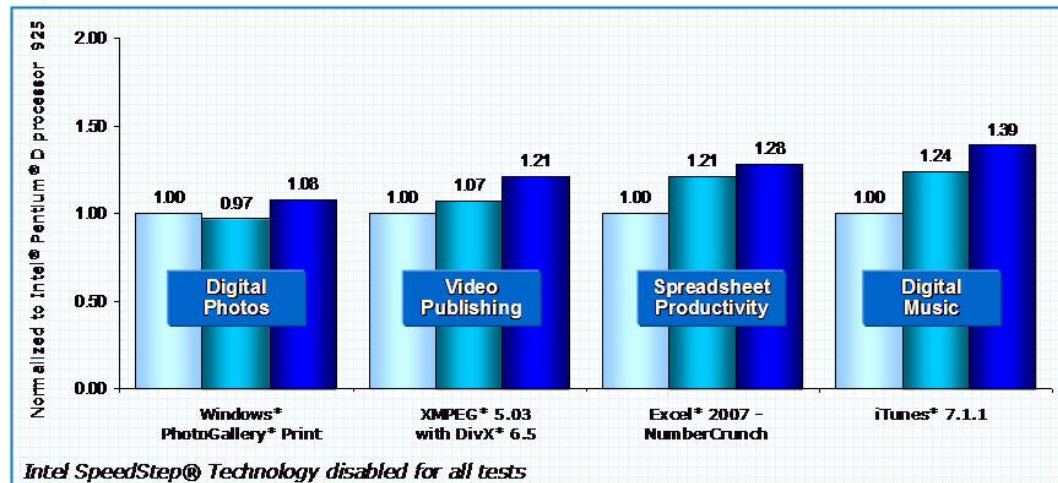


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Intel® Pentium® Dual-Core processors: Performance Capabilities

- Intel® Pentium® Dual-Core processor 2160 (1.80 GHz, 800 MHz FSB, 1 MB L2 Cache)
- Intel® Pentium® Dual-Core processor 2140 (1.60 GHz, 800 MHz FSB, 1 MB L2 Cache)
- Intel® Pentium® D processor 925 (3 GHz, 800 MHz FSB, 2 x 2 MB L2 Cache)



Intel Pentium Dual-Core processors provide great performance on your favorite applications

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Q : Bagaimana dengan motherboard? Apa saja motherboard yang mendukung prosesor baru ini?

A : Hampir semua motherboard yang mendukung prosesor Intel Core 2 Duo dengan FSB 1066MHz atau 800MHz dengan chipset 945G, 946GZ, P965, G965 dapat mendukung penggunaan prosesor ini dengan melakukan update BIOS terbaru. Beberapa contoh mainboard yang mendukung antara lain :

Chipset	Intel Desktop Board
Intel® 975X Express Chipset	Intel® Desktop Board D975XBX2 Intel® Desktop Board D975XBX
Intel® Q965 Express Chipset	Intel® Desktop Board DQ965CO Intel® Desktop Board DQ965GF Intel® Desktop Board DQ965WC
Intel® G965 Express Chipset	Intel® Desktop Board DG965WH Intel® Desktop Board DG965SS Intel® Desktop Board DG965RY Intel® Desktop Board DG965OT Intel® Desktop Board DG965MS Intel® Desktop Board DG965MQ Intel® Desktop Board DG965PZ
Intel® P965 Express Chipset	Intel® Desktop Board DP965LT
Intel® Q963 Express Chipset	Intel® Desktop Board DQ963FX Intel® Desktop Board DQ963GS
Intel® 946GZ Express Chipset	Intel® Desktop Board D946GZAB Intel® Desktop Board D946GZIS Intel® Desktop Board D946GZTS
Intel® 945G Express Chipset	Intel® Desktop Board D945GCL Intel® Desktop Board D945GCCR

List motherboard 3rd party

Vendor	Model	Chipset
ASUS	P5GZ-MX	Intel 945GZ
ASUS	P5VDC-MX SE	VIA P4M800 Pro
ASUS	P5VD2-X	VIA PT890
Asrock	4Core DualVSTA	VIA PT880 Ultra
ECS	945GZT-M	Intel 945GZ
ECS	PT890T-A	VIA PT890
ECS	P4M900T-M	VIA PM900
Gigabyte	GA-945PL-S3	Intel 945PL
Gigabyte	GA-945GME-DS2	Intel 945GM
Gigabyte	GA-945GZM-S2	Intel 945GZ
Gigabyte	GA-945P-S3	Intel 945P
Gigabyte	GA-8I945GZM-RH	Intel 945GZ
Gigabyte	GA-965G-DS3	Intel G965
MSI	945GM3-F	Intel 945G
MSI	945P-Neo 3	Intel 945P
MSI	P4M900M-L	VIA PM900
MSI	P4M890M-L	VIA PT890
MSI	P965 Platinum	Intel P965