(intel)

Menu ⌄

Communities   Find Content   🔍

ARK Home ☐

🔍

Intel® Core™ i5-660 Processor (4M Cache, 3.33 GHz)

Add to Compare

SPECIFICATIONS

- Essentials
- Memory Specifications
- Graphics Specifications
- Expansion Options
- Package Specifications
- Advanced Technologies
- Intel® Data Protection Technology
- Intel® Platform Protection Technology

COMPATIBLE PRODUCTS

PRODUCT IMAGES

ORDERING / SSPECS / STEPPINGS

SPECIFICATIONS

▬ Essentials

Status	Launched
Launch Date	Q1'10
Processor Number	i5-660
# of Cores	2
# of Threads	4
Clock Speed	3.33 GHz
Max Turbo Frequency	3.6 GHz
Intel® Smart Cache	4 MB
DMI	2.5 GT/s
Instruction Set	64-bit
Instruction Set Extensions	SSE4.2
Embedded Options Available 🔍	Yes
Lithography	32 nm
Max TDP	73 W
VID Voltage Range	0.6500V-1.4000V
Recommended Customer Price	

▬ Memory Specifications

Max Memory Size (dependent on memory type)	16 GB
Memory Types	DDR3-1066/1333
# of Memory Channels	2
Max Memory Bandwidth	21 GB/s
Physical Address Extensions	36-bit

▬ Graphics Specifications

Graphics Base Frequency	733 MHz
Intel® Flexible Display Interface (Intel® FDI)	Yes
Intel® Clear Video HD Technology	Yes
# of Displays Supported ‡	2

▬ Expansion Options

PCI Express Revision	2.0
PCI Express Configurations ‡	1x16, 2x8

RELATED PRODUCTS

Previous Generation Intel® Core™ i5 Processor

Intel® Core™ i5-600 Desktop Processor Series

Products formerly Clarkdale

(intel) Embedded

Visit the Embedded Design Center >

QUICK LINKS

Download Datasheet

Export Full Specifications

Find Compatible Boards

Search Distributors

Support Overview

Search all of intel.com

PCN/MDDS INFORMATION

SLBTK
907933: PCN | MDDS
SLBLV
904343: PCN | MDDS
904855: PCN | MDDS

Newsroom   Chip Shot: Intel Survey Says Driverless Cars, Drones Coming to a City Near You   🐦 f   USA (English) ⌄

Max # of PCI Express Lanes	16

▬ Package Specifications

Max CPU Configuration	1
T_CASE	72.6°C
Package Size	37.5mm x 37.5mm
Processing Die Size	81 mm²
# of Processing Die Transistors	382 million
Graphics and IMC Lithography	45 nm
Graphics and IMC Die Size	114 mm²
# of Graphics and IMC Die Transistors	177 million
Sockets Supported	FCLGA1156
Low Halogen Options Available	See MDDS

▬ Advanced Technologies

Intel® Turbo Boost Technology ‡		Yes
Intel® vPro Technology ‡	🔍	Yes
Intel® Hyper-Threading Technology ‡	🔍	Yes
Intel® Virtualization Technology (VT-x) ‡	🔍	Yes
Intel® Virtualization Technology for Directed I/O (VT-d) ‡	🔍	Yes
Intel® VT-x with Extended Page Tables (EPT) ‡	🔍	Yes
Intel® 64 ‡	🔍	Yes
Idle States		Yes
Enhanced Intel SpeedStep® Technology	🔍	Yes
Intel® Demand Based Switching	🔍	No
Thermal Monitoring Technologies		No

▬ Intel® Data Protection Technology

AES New Instructions	🔍	Yes

▬ Intel® Platform Protection Technology

Trusted Execution Technology ‡	🔍	Yes
Execute Disable Bit ‡		Yes

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/content/www/us/en/processors/processor-numbers.html for details.

Processors that support 64-bit computing on Intel® architecture require an Intel 64 architecture-enabled BIOS.

Send us your feedback!

Send us your feedback!