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Intel® Core™ i5-3550S Processor (6M Cache, up to 3.70 GHz)

SPECIFICATIONS

All

Essentials

Memory Specifications

Graphics Specifications

Expansion Options

Package Specifications

Advanced Technologies

COMPATIBLE PRODUCTS

BLOCK DIAGRAMS

ORDERING / SSPECS / STEPPINGS

Specifications

Essentials

Status	Launched
Launch Date	Q2'12
Processor Number	i5-3550S
# of Cores	4
# of Threads	4
Clock Speed	3 GHz
Max Turbo Frequency	3.7 GHz
Intel® Smart Cache	6 MB
Bus/Core Ratio	30
DMI	5 GT/s
Instruction Set	64-bit
Instruction Set Extensions	SSE4.1/4.2, AVX
Embedded Options Available	🔍 Yes
Lithography	22 nm
Max TDP	65 W
Recommended Customer Price	$205

Memory Specifications

Max Memory Size (dependent on memory type)	32 GB
Memory Types	DDR3-1333/1600
# of Memory Channels	2
Max Memory Bandwidth	25.6 GB/s
ECC Memory Supported	⚠ No

Graphics Specifications

Processor Graphics	⚠ Intel® HD Graphics 2500
Graphics Base Frequency	650 MHz
Graphics Max Dynamic Frequency	1.15 GHz
Intel® Quick Sync Video	Yes
Intel® InTru™ 3D Technology	Yes
Intel® Insider™	Yes
Intel® Wireless Display	Yes
Intel® Flexible Display Interface (Intel® FDI)	Yes
Intel® Clear Video HD Technology	Yes

Expansion Options

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- **Download Datasheet**
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ADDITIONAL INFORMATION

PCN/MDDS INFORMATION

SR0P3
919960: PCN | MDDS

PCI Express Revision	3.0
# of PCI Express Ports	1
Package Specifications	
Max CPU Configuration	1
Package Size	37.5mm x 37.5mm
Sockets Supported	FCLGA1155
Low Halogen Options Available	See MDDS
Advanced Technologies	
Intel® Turbo Boost Technology	2.0
Intel® vPro Technology	Yes
Intel® Hyper-Threading Technology	No
Intel® Virtualization Technology (VT-x)	Yes
Intel® Virtualization Technology for Directed I/O (VT-d)	Yes
Intel® Trusted Execution Technology	Yes
AES New Instructions	Yes
Intel® 64	Yes
Intel® Anti-Theft Technology	Yes
Idle States	Yes
Enhanced Intel SpeedStep® Technology	Yes
Thermal Monitoring Technologies	Yes
Intel® Fast Memory Access	Yes
Intel® Flex Memory Access	Yes
Execute Disable Bit	Yes

"Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

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Hyper-Threading Technology (HT Technology) requires a computer system with an Intel® processor supporting HT Technology and an HT Technology enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software you use. See www.intel.com/products/ht/hyperthreading_more.htm for more information including details on which processors support HT Technology.

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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 hardware and software configurations. Intel Virtualization Technology-enabled VMM applications are currently in development.

System and Maximum TDP is based on worst case scenarios. Actual TDP may be lower if not all I/Os for chipsets are used.

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Some products can support AES New Instructions with a Processor Configuration update, in particular, i7-2630QM/i7-2635QM, i7-2670QM/i7-2675QM, i5-2430M/i5-2435M, i5-2410M/i5-2415M. Please contact OEM for the BIOS that includes the latest Processor configuration update.

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Intel® Core™ i5-3550S Processor
(6M Cache, up to 3.70 GHz)

SPECIFICATIONS

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ORDERING / SSPECS / STEPPINGS

All

Ordering / sSpecs / Steppings

Retired and Discontinued

ORDERING AND SPEC INFORMATION

Ordering and Spec Information
Intel® Core™ i5-3550S Processor (6M Cache, up to 3.70 GHz) FC-LGA12C, Tray

Socket	Step	Step TDP	Ordering Code	Spec Code	VT-x	ECCN	CCATS	US HTS	RCP
FCLGA1155	E1	65 W	CM8063701095203	SR0P3	Yes	5A992C	G077159	8542310000-HYBRD	$205

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