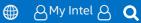
Products Solutions Support









Support Home > Product Specifications > Processors

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Intel[®] Core[™] i5-5350U Processor

3M Cache, up to 2.90 GHz

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Specifications

Essentials

Performance

Supplemental Information

Memory Specifications

Processor Graphics

Expansion Options

Package Specifications

Advanced Technologies

Security & Reliability

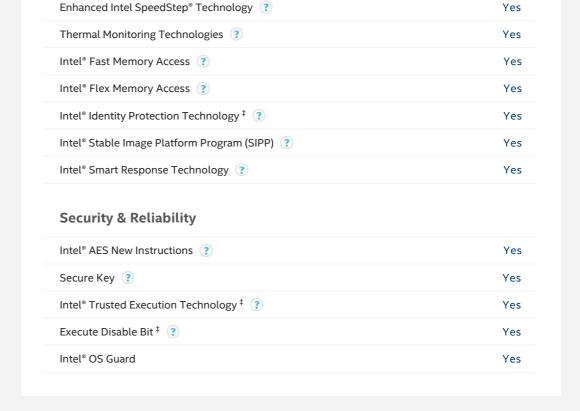
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Product Images

Downloads and Software

| Essentials | Export specifications |
|--|--|
| Product Collection | 5th Generation Intel® Core™ i5 Processors |
| Code Name | Products formerly Broadwell |
| Vertical Segment | Mobile |
| Processor Number | i5-5350U |
| Status | Launched |
| Launch Date 😯 | Q1'15 |
| Lithography ? | 14 nm |
| Recommended Customer Price ? | |
| Use Industrial Commercial Temp, Conditions ? | Embedded Broad Market Commercial Temp, PC/Client/Tablet |
| Performance | |
| # of Cores ? | 2 |
| # of Threads 🔞 | 4 |
| Processor Base Frequency 💿 | 1.80 GHz |
| Max Turbo Frequency 👔 | 2.90 GHz |
| Cache ? | 3 MB |
| Bus Speed ? | 5 GT/s DMI2 |
| TDP ? | 15 W |
| Configurable TDP-down Frequency ? | 600 MHz |
| Configurable TDP-down 🔞 | 9.5 W |
| Supplemental Information | |
| Embedded Options Available ? | Yes |
| Datasheet | View now |
| Memory Specifications | |
| Max Memory Size (dependent on memory type) ? | 16 GB |
| Memory Types ? | DDR3L 1333/1600, LPDDR3 1600/1866 |
| Max # of Memory Channels ? | 2 |
| Max Memory Bandwidth ? | 25.6 GB/s |

| Processor Graphics ‡ 🕐 | Intel® HD Graphics 60 |
|---|-----------------------|
| Graphics Base Frequency 🕜 | 300 M |
| Graphics Max Dynamic Frequency ? | 1.00 G |
| Graphics Video Max Memory 🕐 | 16 |
| Graphics Output ? | eDP/DP/HD |
| Max Resolution (HDMI 1.4)‡ 🔞 | 2560X1600@60 |
| Max Resolution (DP)‡ 👔 | 3840x2160@60 |
| DirectX* Support ? | 11.2/ |
| OpenGL* Support ? | |
| Intel® Quick Sync Video 🔞 | Υ |
| Intel® InTru™ 3D Technology 🕐 | Υ |
| Intel® Flexible Display Interface (Intel® FDI) 💿 | Υ |
| Intel® Clear Video HD Technology ? | Υ |
| Intel® Clear Video Technology 💿 | Y |
| # of Displays Supported [‡] | |
| Device ID | 0x16 |
| | |
| Expansion Options | |
| PCI Express Revision ? | |
| PCI Express Configurations ‡ ? | 4x1, 2 |
| Max # of PCI Express Lanes ? | |
| Package Specifications | |
| Sockets Supported ? | FCBGA11 |
| Max CPU Configuration | |
| T _{JUNCTION} ? | 105 |
| | |
| Package Size | 40mm x24mm x 1.3n |
| Package Size | 40mm x24mm x 1.3n |
| Package Size Advanced Technologies | 40mm x24mm x 1.3n |
| Package Size Advanced Technologies Intel® Turbo Boost Technology ‡ ? | 40mm x24mm x 1.3n |
| Package Size Advanced Technologies Intel® Turbo Boost Technology ‡ ? Intel® vPro™ Platform Eligibility ‡ ? | |
| Package Size Advanced Technologies Intel® Turbo Boost Technology ‡ ? | Y |
| Package Size Advanced Technologies Intel® Turbo Boost Technology † ? Intel® vPro™ Platform Eligibility † ? Intel® Hyper-Threading Technology † ? Intel® Virtualization Technology (VT-x) † ? | Y Y |
| Package Size Advanced Technologies Intel® Turbo Boost Technology † ? Intel® vPro™ Platform Eligibility † ? Intel® Hyper-Threading Technology † ? Intel® Virtualization Technology (VT-x) † ? Intel® Virtualization Technology for Directed I/O (VT-d) † | Y Y |
| Package Size Advanced Technologies Intel® Turbo Boost Technology † ? Intel® vPro™ Platform Eligibility † ? Intel® Hyper-Threading Technology † ? Intel® Virtualization Technology (VT-x) † ? | Y Y Y |
| Package Size Advanced Technologies Intel® Turbo Boost Technology † ? Intel® vPro™ Platform Eligibility † ? Intel® Hyper-Threading Technology † ? Intel® Virtualization Technology (VT-x) † ? Intel® Virtualization Technology for Directed I/O (VT-d) † | Y Y Y Y |
| Package Size Advanced Technologies Intel® Turbo Boost Technology † ? Intel® vPro™ Platform Eligibility † ? Intel® Hyper-Threading Technology † ? Intel® Virtualization Technology (VT-x) † ? Intel® Virtualization Technology for Directed I/O (VT-d) † Intel® VT-x with Extended Page Tables (EPT) † ? | Y |
| Package Size Advanced Technologies Intel® Turbo Boost Technology † ? Intel® vPro™ Platform Eligibility † ? Intel® Hyper-Threading Technology † ? Intel® Virtualization Technology (VT-x) † ? Intel® Virtualization Technology for Directed I/O (VT-d) † Intel® VT-x with Extended Page Tables (EPT) † ? Intel® TSX-NI ? | Y Y Y Y Y Y Y |



More support options for Intel® Core™ i5-5350U Processor (3M Cache, up to 2.90 GHz)





Downloads and Software



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Warranty and Replacement



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Refer to Datasheet for formal definitions of product properties and features.

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

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.

‡ This feature may not be available on all computing systems. Please check with the system vendor to determine if your system delivers this feature, or reference the system specifications (motherboard, processor, chipset, power supply, HDD, graphics controller, memory, BIOS, drivers, virtual machine monitor-VMM, platform software, and/or operating system) for feature compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

See http://www.intel.com/content/www/us/en/architecture-and-technology/hyper-threading/hyper-threading-technology.html? wapkw=hyper+threading for more information including details on which processors support Intel® HT Technology.

Max Turbo Frequency refers to the maximum single-core processor frequency that can be achieved with Intel® Turbo Boost Technology. See www.intel.com/technology/turboboost/ for more information.

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 $constitute\ a\ formal\ pricing\ offer\ from\ Intel.\ Please\ work\ with\ your\ appropriate\ Intel\ representative\ to\ obtain\ a\ formal\ price\ quotation.$

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

For benchmarking data see http://www.intel.com/performance.

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.



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