# HP Intel Core i5-4670S processor 3.1 GHz 6 MB L3

**Brand :** HP

**Product code:** 732506-001

**Product name :** Intel Core i5-4670S

Intel Core i5-4670S, 3.4 GHz (3.8 GHz Turbo), 6 MB Cache, 5 GT/s, 22 nm

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We are in a multi-year journey to turn HP around, and we have put in place a plan to restore HP to growth. We know where we need to go, and we're making progress.We continue to drive product innovation in our core markets, with a focus on cloud, security, and big data. We see big opportunities ahead, and we are well positioned to take advantage of these opportunities with our remarkable set of assets and strengths. We have the people, the plan, and the foundation in place to help us succeed on the next phase of the journey.

| **Processor** | |
|---|---|
| Processor generation | 4th gen Intel® Core™ i5 |
| Processor model * | i5-4670S |
| Processor base frequency * | 3.1 GHz |
| Processor family * | Intel® Core™ i5 |
| Processor cores * | 4 |
| Processor socket * | LGA 1150 (Socket H3) |
| Component for | PC |
| Processor lithography * | 22 nm |
| Processor threads | 4 |
| System bus rate | 5 GT/s |
| Processor operating modes * | 32-bit, 64-bit |
| Processor boost frequency | 3.8 GHz |
| Processor cache | 6 MB |
| Processor cache type | L3 |
| Thermal Design Power (TDP) | 65 W |
| Memory bandwidth supported by processor (max) | 25.6 GB/s |

| **Memory** | |
|---|---|
| Maximum internal memory supported by processor | 32 GB |
| Memory types supported by processor | DDR3-SDRAM |
| Memory clock speeds supported by processor | 1333,1600 MHz |
| Memory channels * | Dual-channel |
| ECC | ✗ |

| **Graphics** | |
|---|---|
| On-board graphics card * | ✓ |
| On-board graphics card model * | Intel® HD Graphics 4600 |
| On-board graphics card base frequency | 350 MHz |
| On-board graphics card dynamic frequency (max) | 1200 MHz |
| Number of displays supported (on-board graphics) | 3 |

| **Features** | |
|---|---|
| Execute Disable Bit | ✓ |
| Idle States | ✓ |
| Thermal Monitoring Technologies | ✓ |
| Market segment | Desktop |
| PCI Express slots version | 3.0 |

| **Features** | |
|---|---|
| PCI Express configurations | 1x16, 2x8, 1x8+2x4 |

| **Processor special features** | |
|---|---|
| Intel® Anti-Theft Technology (Intel® AT) | ✓ |
| Intel® Hyper Threading Technology (Intel® HT Technology) | ✗ |
| Intel® Identity Protection Technology (Intel® IPT) | ✓ |
| Intel® My WiFi Technology (Intel® MWT) | ✓ |
| Intel® Turbo Boost Technology | 2.0 |
| Intel® Quick Sync Video Technology | ✓ |
| Intel® InTru™ 3D Technology | ✓ |
| Intel® Wireless Display (Intel® WiDi) | ✓ |
| Intel® Clear Video HD Technology (Intel® CVT HD) | ✓ |
| Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| Enhanced Intel SpeedStep Technology | ✓ |
| Intel Trusted Execution Technology | ✓ |
| Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Intel® Secure Key | ✓ |
| Intel TSX-NI | ✓ |
| Intel Virtualization Technology (VT-x) | ✓ |
| Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Intel® vPro™ Platform Eligibility | ✓ |

| **Operational conditions** | |
|---|---|
| Tcase | 71.35 °C |

| **Packaging data** | |
|---|---|
| Package width | 37.5 mm |
| Package depth | 37.5 mm |

| **Other features** | |
|---|---|
| Intel® Virtualization Technology (Intel® VT) | VT-d, VT-x |

Publication date: 26-JUL-2025. Prints or copies of Information are only valid on the printed Publication date

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