

Specifications Intel® Core™ i3-3120M Processor

| Essentials | |
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| Status | Launched |
| Launch Date | Q3'12 |
| Processor Number | i3-3120M |
| # of Cores | 2 |
| # of Threads | 4 |
| Clock Speed | 2.5 GHz |
| Intel® Smart Cache | 3 MB |
| Bus/Core Ratio | 25 |
| DMI | 5 GT/s |
| Instruction Set | 64-bit |
| Instruction Set Extensions | AVX |
| Embedded Options Available | No |
| Lithography | 22 nm |
| Max TDP | 35 W |
| Recommended Customer Price | TRAY: \$225.00 |
| Memory Specifications | |
| Max Memory Size (dependent on memory type) | 32 GB |
| Memory Types | DDR3/L/-RS 1333/1600 |
| # of Memory Channels | 2 |
| Max Memory Bandwidth | 25.6 GB/s |
| ECC Memory Supported | No |
| Graphics Specifications | |
| Processor Graphics | Intel® HD Graphics 4000 |
| Graphics Base Frequency | 650 MHz |
| Graphics Max Dynamic Frequency | 1.1 GHz |

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| Graphics Output | eDP/DP/HDMI/SDVO/CRT |
| 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 |
| Intel® Clear Video Technology for MID | No |
| Dual Display Capable | Yes |
| # of Displays Supported | 3 |
| Expansion Options | |
| PCI Express Revision | 2.0 |
| PCI Express Configurations | 1x16, 2x8, 1x8 2x4 |
| # of PCI Express Lanes | 1 |
| Package Specifications | |
| Max CPU Configuration | 1 |
| T _{JUNCTION} | 90C (PGA); 105C (BGA) |
| Package Size | 37.5mm x 37.5mm (rPGA988B); 31mm x 24mm (BGA1023) |
| Graphics and IMC Lithography | 22 nm |
| Sockets Supported | FCPGA988 |
| Low Halogen Options Available | See MDDS |
| Advanced Technologies | |
| Intel® Turbo Boost Technology | No |
| Intel® vPro Technology | No |
| Intel® Hyper-Threading Technology | Yes |
| Intel® Virtualization Technology (VT-x) | Yes |

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| Intel® Virtualization Technology for Directed I/O (VT-d) | No |
| Intel® Trusted Execution Technology | No |
| AES New Instructions | No |
| Intel® 64 | Yes |
| Intel® Anti-Theft Technology | Yes |
| Intel® My WiFi Technology | Yes |
| 4G WiMAX Wireless Technology | Yes |
| Idle States | Yes |
| Enhanced Intel SpeedStep® Technology | Yes |
| Intel® Demand Based Switching | No |
| Thermal Monitoring Technologies | Yes |
| Intel® Fast Memory Access | Yes |
| Intel® Flex Memory Access | Yes |
| Execute Disable Bit | Yes |
| Intel® VT-x with Extended Page Tables (EPT) | Yes |