

# Intel Core i3 6300



## ARTIKELNUMMER

51655

## FABRIKANTNUMMER

BX80662I36300

## FABRIEKSGARANTIE

Bring in Service (36 maanden)

## Productinformatie

| Processor                                                |                                   | Technische details                                                 |                                         |
|----------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------|-----------------------------------------|
| Processorfamilie                                         | Zesde generatie Intel® Core™ i3   | Processorcache                                                     | 4096 KB                                 |
| Processormodel                                           | i3-6300                           | Type product                                                       | 4                                       |
| Frequentie van processor                                 | 3,8 GHz                           | Videocompressieformaten                                            | Ja                                      |
| Aantal processorkernen                                   | 2                                 | Maximum geheugen grafische adapter                                 | 1740 MB                                 |
| Processor socket                                         | (Intel) LGA 1151                  | Introductiedatum                                                   | Q3'15                                   |
| Processor lithografie                                    | 14 nm                             | Bandbreedte bus                                                    | 8                                       |
| Box                                                      | Ja                                | Type buseenheden                                                   | GT/s                                    |
| Component voor                                           | PC                                | Max. grafische dynamische frequentie                               | 1.15 GHz                                |
| Processorserie                                           | Intel Core i3-6300 Desktop series | Lanceringsdatum                                                    | 2015-09-01T00:00:00                     |
| Processor aantal threads                                 | 4                                 | Maximale resolutie & verversingsfrequentie (DisplayPort)           | 4096x2304@60Hz                          |
| Systeembus                                               | 8 GT/s                            | Maximale resolutie & verversingsfrequentie (HDMI)                  | 4096x2304@24Hz                          |
| Processor operating modes                                | 64-bit                            | Maximale resolutie & verversingsfrequentie (Integrated Flat Panel) | 4096x2304@60Hz                          |
| Processor cache                                          | 4 MB                              | Maximale resolutie & verversingsfrequentie (VGA)                   | N/A                                     |
| Processor cache type                                     | Smart Cache, L3                   | OpenGL-ondersteuning                                               | 4.4                                     |
| Thermal Design Power (TDP)                               | 47, 51                            | Productnaam                                                        | Intel Core i3-6300 (4M Cache, 3.80 GHz) |
| FSB Parity                                               | Nee                               | Status                                                             | 4                                       |
| Stepping                                                 | S0                                | Maximaal geheugen                                                  | 64                                      |
| Bus type                                                 | DMI3                              |                                                                    |                                         |
| Processorcode                                            | SR2HA                             | Verpakking                                                         |                                         |
| Geheugenbandbreedte ondersteund door de processor ( max) | 34,1 GB/s                         | Inclusief koeler                                                   | Ja                                      |
| Codenaam processor                                       | Skylake                           |                                                                    |                                         |
| Geheugen                                                 |                                   | Gewicht en omvang                                                  |                                         |
| Maximaal intern geheugen ondersteund door processor      | 64 GB                             | Verpakkingsgrootte processor                                       | 37.5                                    |
| Geheugentypen ondersteund door processor                 | DDR3L-SDRAM, DDR4-SDRAM           |                                                                    |                                         |
| Klokgeheugen-snelheden ondersteund door processor        | 1333,1600,1866,2133 MHz           |                                                                    |                                         |
| Geheugenkanalen ondersteund door processor               | Duaal                             |                                                                    |                                         |
| ECC ondersteund door processor                           | Ja                                |                                                                    |                                         |
| Voltage geheugen ondersteund door processor              | 1,35 V                            |                                                                    |                                         |

| Grafisch                                                      |                                                            |
|---------------------------------------------------------------|------------------------------------------------------------|
| Ingebouwde grafische adapter                                  | Ja                                                         |
| On-board graphics adapter model                               | Intel HD Graphics 530                                      |
| Maximaal geheugen ingebouwde grafische adapter                | 1,74 GB                                                    |
| On-board ondersteunde grafische adapter uitgangen             | DisplayPort, HDMI, Embedded DisplayPort (eDP), VGA (D-Sub) |
| Basisfrequentie ingebouwde grafische adapter                  | 350 MHz                                                    |
| Graphics on-board -adapter dynamische frequentie (max)        | 1150 MHz                                                   |
| Aantal displays ondersteund (door on-board grafische adapter) | 3                                                          |
| On-board grafische adapter DirectX-versie                     | 12.0                                                       |
| On-board grafische adapter OpenGL versie                      | 4.4                                                        |
| Graphics aan boord maximale resolutie adapter (DisplayPort )  | 4096 x 2304 Pixels                                         |
| Maximale resolutie ingebouwde grafische adapter (HDMI)        | 4096 x 2304 Pixels                                         |
| On-board grafische adapter ID                                 | 1912                                                       |

| Kenmerken                          |                    |
|------------------------------------|--------------------|
| Execute Disable Bit                | Ja                 |
| Idle States                        | Ja                 |
| Thermal Monitoring Technologies    | Ja                 |
| Marktsegment                       | DT                 |
| Maximaal aantal PCI Express-lijnen | 16                 |
| PCI Express slots versie           | 3.0                |
| PCI Express configuraties          | 2x8, 1x8+2x4, 1x16 |
| Ondersteunde instructie sets       | AVX 2.0            |
| Bandwidth                          | 8 MB/s             |
| Schaalbaarheid                     | 1S                 |
| CPU configuratie (max)             | 1                  |
| Ingebouwde opties beschikbaar      | Nee                |
| Graphics & IMC lithografie         | 14 nm              |
| Thermal solution specificatie      | PCG 2015C          |

| Overige specificaties                        |                 |
|----------------------------------------------|-----------------|
| Intel® Virtualization Technology (Intel® VT) | VT-x, VT-d      |
| L2 cache                                     | 4096 KB         |
| Maximum intern geheugen                      | 64 GB           |
| Maximaal intern geheugen                     | 65536 MB        |
| Cache memory                                 | 4 MB            |
| Videodecodering                              | Ja              |
| Grafische uitvoer                            | eDP/DP/HDMI/DVI |

| Processor speciale functies                                                    |      |
|--------------------------------------------------------------------------------|------|
| Intel Anti-Theft Technology                                                    | Nee  |
| Intel® Hyper Threading Technology (Intel® HT Technology)                       | Ja   |
| Intel My WiFi Technology                                                       | Nee  |
| Intel® Turbo Boost Technology                                                  | Nee  |
| Intel® vPro™ Technology                                                        | Nee  |
| Intel® Quick Sync Video Technology                                             | Ja   |
| Intel® InTru™ 3D Technology                                                    | Ja   |
| Intel Wireless Display Technology                                              | Ja   |
| Intel FDI Technology                                                           | Nee  |
| Intel® Clear Video HD Technology (Intel® CVT HD)                               | Ja   |
| Intel Dual Display Capable Technology                                          | Nee  |
| Intel Insider                                                                  | Ja   |
| Intel Fast Memory Access                                                       | Nee  |
| Intel Flex Memory Access                                                       | Nee  |
| Intel® AES New Instructions (Intel® AES-NI)                                    | Ja   |
| Enhanced Intel SpeedStep Technology                                            | Ja   |
| Intel® Trusted Execution Technology                                            | Nee  |
| Intel® Enhanced Halt State                                                     | Ja   |
| Intel® Clear Video Technology for Mobile Internet Devices (Intel® CVT for MID) | Ja   |
| Intel® VT-x with Extended Page Tables (EPT)                                    | Ja   |
| Intel Demand Based Switching                                                   | Nee  |
| Intel® Secure Key                                                              | Ja   |
| Intel Rapid Storage Technology                                                 | Nee  |
| Intel® Stable Image Platform Program (SIPP)                                    | Ja   |
| Intel® OS Guard                                                                | Ja   |
| Intel Small Business Advantage (SBA)                                           | Ja   |
| Intel® Clear Video-technologie                                                 | Ja   |
| Intel® 64                                                                      | Ja   |
| Versie Intel® Secure Key Technology                                            | 1.00 |
| Intel Small Business Advantage (SBA)-versie                                    | 1.00 |
| Versie Intel® Stable Image Platform Program (SIPP)                             | 0.00 |
| Intel® Virtualization Technology (VT-x)                                        | Ja   |
| Intel® Virtualization Technology for Directed I/O (VT-d)                       | Ja   |
| Versie Intel® TSX-NI                                                           | 0.00 |
| Conflictvrije processor                                                        | Ja   |

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