

# Intel Pentium G4400



|                  |                               |
|------------------|-------------------------------|
| ARTIKELNUMMER    | 51659                         |
| FABRIKANTNUMMER  | BX80662G4400                  |
| FABRIEKSGARANTIE | Bring in Service (36 maanden) |

## Productinformatie

| Processor                                                |                                           |
|----------------------------------------------------------|-------------------------------------------|
| Processorfamilie                                         | Intel Pentium G                           |
| Processormodel                                           | G4400                                     |
| Frequentie van processor                                 | 3,3 GHz                                   |
| Aantal processorkernen                                   | 2                                         |
| Processor socket                                         | (Intel) LGA 1151                          |
| Processor lithografie                                    | 14 nm                                     |
| Box                                                      | Ja                                        |
| Component voor                                           | PC                                        |
| Processorserie                                           | Intel Pentium G4400 series<br>For Desktop |
| Processor aantal threads                                 | 2                                         |
| Systeembus                                               | 8 GT/s                                    |
| Processor operating modes                                | 32-bit, 64-bit                            |
| Processor cache                                          | 3 MB                                      |
| Processor cache type                                     | Smart Cache, L3                           |
| Thermal Design Power (TDP)                               | 47, 54                                    |
| FSB Parity                                               | Nee                                       |
| Stepping                                                 | R0                                        |
| Bus type                                                 | DMI3                                      |
| Processorcode                                            | SR2DC                                     |
| Geheugenbandbreedte ondersteund door de processor ( max) | 34,1 GB/s                                 |
| Codenaam processor                                       | Skylake                                   |

| Geheugen                                            |                         |
|-----------------------------------------------------|-------------------------|
| Maximaal intern geheugen ondersteund door processor | 64 GB                   |
| Geheugentypen ondersteund door processor            | DDR3L-SDRAM, DDR4-SDRAM |
| Klokgeheugen-snelheden ondersteund door processor   | 1866,1333,2133,1600 MHz |
| Geheugenkanalen ondersteund door processor          | Duaal                   |
| ECC ondersteund door processor                      | Ja                      |
| Voltage geheugen ondersteund door processor         | 1,35 V                  |

| Technische details                                                 |                                          |
|--------------------------------------------------------------------|------------------------------------------|
| Processorcache                                                     | 3072 KB                                  |
| Type product                                                       | 4                                        |
| Videocompressieformaten                                            | Ja                                       |
| Maximum geheugen grafische adapter                                 | 1740 MB                                  |
| Introductiedatum                                                   | Q3'15                                    |
| Bandbreedte bus                                                    | 8                                        |
| Type buseenheden                                                   | GT/s                                     |
| Max. grafische dynamische frequentie                               | 1.00 GHz                                 |
| Lanceringsdatum                                                    | 2015-09-01T00:00:00                      |
| Maximale resolutie & verversingsfrequentie (DisplayPort)           | 4096x2304@60Hz                           |
| Maximale resolutie & verversingsfrequentie (HDMI)                  | 4096x2304@24Hz                           |
| Maximale resolutie & verversingsfrequentie (Integrated Flat Panel) | 4096x2304@60Hz                           |
| Maximale resolutie & verversingsfrequentie (VGA)                   | N/A                                      |
| OpenGL-ondersteuning                                               | 4.4                                      |
| Productnaam                                                        | Intel Pentium G4400 (3M Cache, 3.30 GHz) |
| Status                                                             | 4                                        |
| Maximaal geheugen                                                  | 64                                       |
| Merksnaam processor                                                | Intel Pentium                            |

| Verpakking |  |
|------------|--|
|------------|--|

|                  |    |
|------------------|----|
| Inclusief koeler | Ja |
|------------------|----|

| Gewicht en omvang |  |
|-------------------|--|
|-------------------|--|

|                              |      |
|------------------------------|------|
| Verpakkingsgrootte processor | 37.5 |
|------------------------------|------|

| Overige specificaties |  |
|-----------------------|--|
|-----------------------|--|

|                                              |                 |
|----------------------------------------------|-----------------|
| Intel® Virtualization Technology (Intel® VT) | VT-d, VT-x      |
| Maximaal intern geheugen                     | 65536 MB        |
| Cache memory                                 | 3 MB            |
| Videodecoding                                | Ja              |
| Grafische uitvoer                            | eDP/DP/HDMI/DVI |

| Grafisch                                                      |                                                    |
|---------------------------------------------------------------|----------------------------------------------------|
| Ingebouwde grafische adapter                                  | Ja                                                 |
| On-board graphics adapter model                               | Intel HD Graphics 510                              |
| Maximaal geheugen ingebouwde grafische adapter                | 1,7 GB                                             |
| On-board ondersteunde grafische adapter uitgangen             | DVI, DisplayPort, HDMI, Embedded DisplayPort (eDP) |
| Basisfrequentie ingebouwde grafische adapter                  | 350 MHz                                            |
| Graphics on-board -adapter dynamische frequentie (max)        | 1000 MHz                                           |
| Aantal displays ondersteund (door on-board grafische adapter) | 3                                                  |
| On-board grafische adapter DirectX-versie                     | 12                                                 |
| 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                                 | 0x1902                                             |

| 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          | 1x16, 1x8+2x4, 2x8 |
| Ondersteunde instructie sets       | SSE4.1, SSE4.2     |
| Bandwidth                          | 8 MB/s             |
| Schaalbaarheid                     | 1S                 |
| CPU configuratie (max)             | 1                  |
| Ingebouwde opties beschikbaar      | Ja                 |
| Graphics & IMC lithografie         | 14 nm              |
| Thermal solution specificatie      | PCG 2015C          |

| Processor speciale functies                                                    |      |
|--------------------------------------------------------------------------------|------|
| Intel Anti-Theft Technology                                                    | Nee  |
| Intel® Hyper Threading Technology (Intel® HT Technology)                       | Nee  |
| 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® Smart Cache                                                             | Ja   |
| 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® TSX-NI                                                                  | Nee  |
| Intel Rapid Storage Technology                                                 | Nee  |
| Intel® Stable Image Platform Program (SIPP)                                    | Nee  |
| Intel® OS Guard                                                                | Ja   |
| Intel Small Business Advantage (SBA)                                           | Nee  |
| Intel® Clear Video-technologie                                                 | Ja   |
| Intel® 64                                                                      | Ja   |
| Versie Intel® Secure Key Technology                                            | 1.00 |
| Intel Small Business Advantage (SBA)-versie                                    | 0.00 |
| 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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