






Intel® Celeron® Processor G1620 (2M Cache, 2.70 GHz)

SPECIFICATIONS

| Essentials | |
|----------------------------|---|
| Status | Launched |
| Launch Date | Q1 '13 |
| Processor Number | G1620 |
| # of Cores | 2 |
| # of Threads | 2 |
| Clock Speed | 2.7 GHz |
| Intel® Smart Cache | 2 MB |
| DMI | 5 GT/s |
| Instruction Set | 64-bit |
| Instruction Set Extensions | SSE4.1, 4.2 |
| Embedded Options Available |  Yes |
| Lithography | 22 nm |
| Max TDP | 55 W |
| Recommended Customer Price | TRAY: \$52.00 BOX: \$52.00 |

| Memory Specifications | |
|--|---|
| Max Memory Size (dependent on memory type) | 32 GB |
| Memory Types | DDR3-1333 |
| # of Memory Channels | 2 |
| Max Memory Bandwidth | 25.6 GB/s |
| ECC Memory Supported |  Yes |

Graphics Specifications

| | |
|---|--------------------|
| Processor Graphics | Intel® HD Graphics |
| Graphics Base Frequency | 650 MHz |
| Graphics Max Dynamic Frequency | 1.05 GHz |
| Intel® Quick Sync Video | No |
| Intel® InTru™ 3D Technology | No |
| Intel® Insider™ | No |
| Intel® Wireless Display  | No |
| Intel® Clear Video HD Technology | No |
| # of Displays Supported | 3 |


Expansion Options

| | |
|----------------------------|----------------------|
| PCI Express Revision | 2.0 |
| PCI Express Configurations | 1x16, 2x8, 1x8 & 2x4 |

Package Specifications

| | |
|-------------------------------|-----------------|
| Max CPU Configuration | 1 |
| Package Size | 37.5mm x 37.5mm |
| Sockets Supported | FCLGA1155 |
| Low Halogen Options Available | See MDDS |

Graphics Specifications

| | |
|---|--------------------|
| Processor Graphics | Intel® HD Graphics |
| Graphics Base Frequency | 650 MHz |
| Graphics Max Dynamic Frequency | 1.05 GHz |
| Intel® Quick Sync Video | No |
| Intel® InTru™ 3D Technology | No |
| Intel® Insider™ | No |
| Intel® Wireless Display  | No |
| Intel® Clear Video HD Technology | No |
| # of Displays Supported | 3 |

Expansion Options

| | |
|----------------------------|----------------------|
| PCI Express Revision | 2.0 |
| PCI Express Configurations | 1x16, 2x8, 1x8 & 2x4 |

Package Specifications

| | |
|-------------------------------|-----------------|
| Max CPU Configuration | 1 |
| Package Size | 37.5mm x 37.5mm |
| Sockets Supported | FCLGA1155 |
| Low Halogen Options Available | See MDDS |

Ordering and Spec Information

Intel® Celeron® Processor G1620 (2M Cache, 2.70 GHz) FC-LGA12C, Tray

| Socket | Step | TDP | Ordering Code | Spec Code | VT-x | ECCN | CCATS | US HTS | RCP |
|-----------|------|------|-----------------|-----------|------|--------|-------|------------------|---------|
| FCLGA1155 | P0 | 55 W | CM8063701445001 | SR10L | | 5A992A | NA | 8542310000-HYBRD | \$52.00 |