






## 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<br>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        |

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### 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 |