

# Intel Celeron G6900 / 3.4 GHz processor - Box



Not in stock

|                              |                                               |
|------------------------------|-----------------------------------------------|
| SKU                          | BX80715G6900                                  |
| Product Description:         | Intel Celeron G6900 / 3.4 GHz processor - Box |
| Product Type:                | Processor                                     |
| Processor Type:              | Intel Celeron G6900                           |
| Number of Cores:             | Dual-Core / 2 threads                         |
| Cache:                       | 4 MB                                          |
| Integrated Graphics:         | Intel UHD Graphics 710                        |
| Compatible Processor Socket: | LGA1700 Socket                                |

## General

|               |           |                    |                            |
|---------------|-----------|--------------------|----------------------------|
| Product Type: | Processor | Service & Support: | Limited warranty - 3 years |
|---------------|-----------|--------------------|----------------------------|

## Manufacturer Warranty

## Miscellaneous

|               |             |
|---------------|-------------|
| Package Type: | Intel Boxed |
|---------------|-------------|

## Integrated Graphics

|                           |                                                                               |
|---------------------------|-------------------------------------------------------------------------------|
| Type:                     | Intel UHD Graphics 710                                                        |
| Base Frequency:           | 300 MHz                                                                       |
| Max Dynamic Frequency:    | 1.3 GHz                                                                       |
| Max Supported Resolution: | 5120x3200@120Hz (eDP), 7680x4320@60Hz (DP), 4096x2160@60Hz (HDMI)             |
| Features:                 | Intel Clear Video HD Technology, Intel Quick Sync Video, Quad Display Capable |

## Processor

|                     |                     |
|---------------------|---------------------|
| Type / Form Factor: | Intel Celeron G6900 |
| Number of Cores:    | Dual-Core           |
| Number of Threads:  | 2 threads           |
| Cache:              | 4 MB                |

## Processor

Cache Memory Details: L3 - Smart Cache - 4 MB | L2 - 2.5 MB

|                              |                |
|------------------------------|----------------|
| Processor Qty:               | 1              |
| Clock Speed:                 | 3.4 GHz        |
| Compatible Processor Socket: | LGA1700 Socket |
| Manufacturing Process:       | 10 nm          |
| Thermal Design Power:        | 46 W           |
| Thermal Specification:       | 100 °C         |
| PCI Express Revision:        | 4.0/5.0        |
| PCI Express Configurations:  | 1x16+4, 2x8+4  |
| PCI Express Lanes Qty:       | 20             |

### Architecture Features:

Enhanced SpeedStep technology, Execute Disable Bit capability, Intel Virtualization Technology, Intel 64 Technology, streaming SIMD extensions 4.1, streaming SIMD extensions 4.2, Intel AES New Instructions (AES-NI), Thermal Monitoring Technologies, Intel Virtualization Technology for Directed I/O (VT-d), Idle States, Intel VT-x with Extended Page Tables (EPT), Intel Secure Key, Intel Advanced Vector Extensions 2 (AVX2.0), Intel OS Guard, Intel Speed Shift Technology, Intel Optane Memory Supported, Mode-based Execute Control (MBE), Intel Volume Management Device (VMD), Intel Boot Guard, Intel Deep Learning Boost (DL Boost), Intel Control-Flow Enforcement Technology, Intel Gaussian and Neural Accelerator 3.0, Instruction Set 64-bit

