

Intel Pentium Gold G7400 / 3.7 GHz processor - Box



In Stock(10)

SKU	BX80715G7400
Product Description:	Intel Pentium Gold G7400 / 3.7 GHz processor - Box
Product Type:	Processor
Processor Type:	Intel Pentium Gold G7400
Number of Cores:	Dual-Core / 4 threads
Cache:	6 MB
Integrated Graphics:	Intel UHD Graphics 710
Compatible Processor Socket:	LGA1700 Socket

General

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

Miscellaneous

Package Type:	Intel Boxed
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Integrated Graphics

Type:	Intel UHD Graphics 710
Base Frequency:	300 MHz
Max Dynamic Frequency:	1.35 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 Pentium Gold G7400
Number of Cores:	Dual-Core
Number of Threads:	4 threads
Cache:	6 MB

Processor

Cache Memory Details: L3 - Smart Cache - 6 MB | L2 - 2.5 MB

Processor Qty:	1
Clock Speed:	3.7 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, Hyper-Threading 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

