



HP 290 G3 i5-10500 SFF Intel® Core™ i5 8 GB DDR4-SDRAM 256 GB SSD Windows 10 Pro PC Black



Brand : HP

Product code: 123Q7EA

Product name : 290 G3

- Intel® Core™ i5-10500 (3.1 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores)
 - Windows 10 Pro 64
 - Intel® UHD Graphics
 - 8 GB memory; 256 GB SSD storage
- 290 G3 Small Form Factor PC Bundle, Windows 10 Pro 64, Intel® Core™ i5, 8GB RAM, 256GB SSD

HP 290 G3 i5-10500 SFF Intel® Core™ i5 8 GB DDR4-SDRAM 256 GB SSD Windows 10 Pro PC Black:

Maximize your investment

Take on your everyday work at an affordable price with the HP 290 SFF. Get the reliable computing power you need while minimizing the total cost of ownership—now that's a smart investment. HP 290 G3. Processor frequency: 3.1 GHz, Processor family: Intel® Core™ i5, Processor model: i5-10500. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2666 MHz. Total storage capacity: 256 GB, Storage media: SSD, Optical drive type: DVD-RW. On-board graphics card model: Intel® UHD Graphics 630. Operating system installed: Windows 10 Pro, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: SFF. Product type: PC



Processor		Ports & interfaces	
Processor manufacturer *	Intel	M.2 card slot (storage)	1
Processor generation	10th gen Intel® Core™ i5	Expansion slots	
Processor model *	i5-10500	PCI Express x1 slots	1
Processor family *	Intel® Core™ i5	PCI Express x16 slots	1
Processor cores	6	Design	
Processor frequency *	3.1 GHz	Chassis type *	SFF
Processor boost frequency	4.5 GHz	Placement supported	Vertical
Processor socket	LGA 1200 (Socket H5)	Product colour *	Black
Processor cache	12 MB	Country of origin	China
Processor cache type	L3	Performance	
Processor threads	12	Market positioning	Everyday
System bus rate	8 GT/s	Motherboard chipset	Intel B460
Processor lithography	14 nm	Audio chip	Realtek ALC3601
Processor operating modes	64-bit	Product type *	PC
Processor codename	Comet Lake	Software	
Thermal Design Power (TDP)	65 W	Operating system installed *	Windows 10 Pro
Tjunction	100 °C	Operating system architecture	64-bit
PCI Express slots version	3.0	Processor special features	
Maximum number of PCI Express lanes	16	Intel 64	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Enhanced Intel SpeedStep Technology	✓
Maximum internal memory supported by processor	128 GB	Embedded options available	✗
Memory types supported by processor	DDR4-SDRAM	Intel® InTru™ 3D Technology	✓
Memory clock speeds supported by processor	2666 MHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Memory bandwidth supported by processor (max)	41.6 GB/s	Intel Clear Video Technology	✓
Memory		Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory *	8 GB	Idle States	✓
Internal memory type	DDR4-SDRAM	Thermal Monitoring Technologies	✓
Memory layout (slots x size)	1 x 8 GB	Intel Stable Image Platform Program (SIPP)	✓
Memory slots	2x DIMM		
Memory clock speed	2666 MHz		

Memory		Processor special features	
ECC	✘	Intel® AES New Instructions (Intel® AES-NI)	✓
Storage		Intel® Secure Key	✓
Total storage capacity *	256 GB	Intel® OS Guard	✓
Storage media *	SSD	Intel Trusted Execution Technology	✓
Optical drive type *	DVD-RW	Execute Disable Bit	✓
Total SSDs capacity	256 GB	Intel Software Guard Extensions (Intel SGX)	✓
Number of SSDs installed	1	Processor package size	37.5 x 37.5 mm
SSD capacity	256 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
SSD interface	NVMe	Scalability	1S
NVMe	✓	CPU configuration (max)	1
SSD form factor	M.2	Thermal solution specification	PCG 2015C
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card *	✘	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	Not available	Processor ARK ID	199277
On-board graphics card *	✓	Intel® Turbo Boost Technology	2.0
On-board graphics card model *	Intel® UHD Graphics 630	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
On-board graphics card base frequency	350 MHz	Intel® Quick Sync Video Technology	✓
On-board graphics card dynamic frequency (max)	1150 MHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Maximum on-board graphics card memory	64 GB	Brand-specific features	
Number of displays supported (on-board graphics)	3	HP segment	Business
On-board graphics card DirectX version	12.0	Power	
On-board graphics card OpenGL version	4.5	Power supply *	180 W
On-board graphics card ID	0x9BC8	Weight & dimensions	
Network		Width *	95 mm
Ethernet LAN *	✓	Depth *	303 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height *	270 mm
Wi-Fi *	✘	Weight *	4.2 kg
Ports & interfaces		Package width	196 mm
USB 2.0 ports quantity *	4	Package depth	498 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Package height	346 mm
VGA (D-Sub) ports quantity	1	Package weight	6 kg
DVI port	✘	Packaging content	
HDMI ports quantity *	1	Display included *	✘
Ethernet LAN (RJ-45) ports	1	Mouse included	✓
Microphone in	✘	Keyboard included	✓
Headphone outputs	1	Logistics data	
Line-out	✓	Harmonized System (HS) code	84715000
Line-in	✓	Other features	
Combo headphone/mic port	✓	Keyboard type	USB
Serial ports quantity	1		
M.2 card slot (wireless)	1		



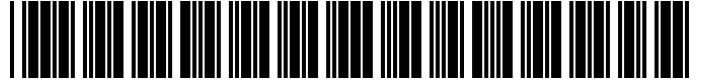
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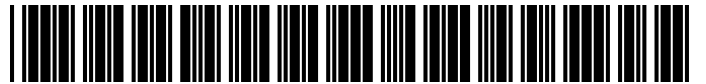
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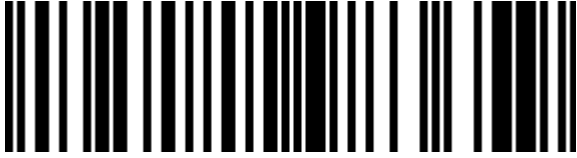
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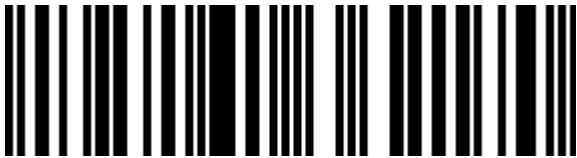
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