



HP Pro 290 G9 SFF Intel® Core™ i3 i3-12100 8 GB DDR4-SDRAM 256 GB SSD Windows 11 Pro PC Black



Brand : HP

Product family: Pro

Product code: 6B2R8EA

Product name : 290 G9

- Intel® Core™ i3-12100 (up to 4.3 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores, 8 threads)
 - Windows 11 Pro
 - Intel® UHD Graphics 730
 - 8 GB memory; 256 GB SSD storage
- Pro SFF 290 G9 Desktop PC Bundle, Windows 11 Pro, Intel® Core™ i3, 8GB RAM, 256GB SSD

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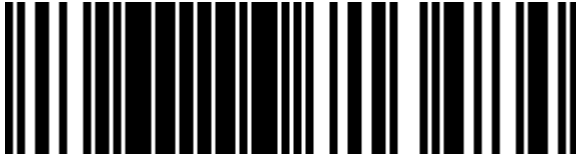
Essential business computing

The HP Pro SFF 290 helps optimize business resources. Equipped with a powerful Intel® processor^[2], essential tools, and security features for business, this affordably priced and easy to set up PC has a scalable and functional design that can grow with your business.



Processor		Performance	
Processor manufacturer *	Intel	Password protection	✓
Processor family *	Intel® Core™ i3	Password protection type	BIOS, Power on, User
Processor generation	12th gen Intel® Core™ i3	Trusted Platform Module (TPM)	✓
Processor model *	i3-12100	Product type *	PC
Processor cores	4	Trusted Platform Module (TPM) version	2.0
Processor frequency *	3.3 GHz	Software	
Processor boost frequency	4.3 GHz	Operating system installed *	Windows 11 Pro
Processor cache	12 MB	Bing search for IE11; HP Audio Switch; HP Documentation; HP Support Assistant; McAfee LiveSafe™; Buy Office (sold separately); HP JumpStarts; HP Setup Integrated OOBE; Xerox® DocuShare® 30 day free trial offer	
Processor cache type	L3	Pre-installed software	
Processor threads	8	Processor special features	
Bus type	DMI4	Intel 64	✓
Memory		Enhanced Intel SpeedStep Technology	✓
Internal memory *	8 GB	Embedded options available	✗
Internal memory type	DDR4-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory layout (slots x size)	1 x 8 GB	Idle States	✓
Memory slots	2x DIMM	Execute Disable Bit	✓
Memory clock speed	3200 MHz	CPU configuration (max)	1
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total storage capacity *	256 GB	Intel Virtualization Technology (VT-x)	✓
Storage media *	SSD	Brand-specific features	
Optical drive type *	DVD±RW	HP JumpStart	✓
Number of storage drives installed	1	HP Support Assistant	✓
Total SSDs capacity	256 GB	HP Documentation	✓
Number of SSDs installed	1	Padlock loop; Trusted Platform Module (TPM) 2.0; Integrated accessories cable lock; Slim cable lock	
SSD capacity	256 GB	HP Security tools	
SSD interface	PCI Express, NVMe	HP segment	Business
NVMe	✓		
SSD form factor	M.2		
Graphics			
Discrete graphics card *	✗		
On-board graphics card *	✓		
Discrete graphics card model *	Not available		
On-board graphics card family	Intel® UHD Graphics		
On-board graphics card model *	Intel UHD Graphics 730		

Network		Power	
Ethernet LAN *	✓	Power supply *	180 W
Ethernet LAN data rates	10,100,1000 Mbit/s	Power supply input voltage	100 - 240 V
Wi-Fi *	✗	Power supply input frequency	50/60 Hz
Ports & interfaces		Operational conditions	
USB 2.0 ports quantity *	4	Operating temperature (T-T)	0 - 40 °C
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Operating relative humidity (H-H)	10 - 90%
VGA (D-Sub) ports quantity	1	Sustainability	
HDMI ports quantity *	1	Sustainability compliance	✓
Ethernet LAN (RJ-45) ports	1	Sustainability certificates	ENERGY STAR
Line-out	✓	Sustainable technologies and materials	15% post-consumer recycled plastic; 80 Plus® Bronze power supplies available
Line-in	✓	Weight & dimensions	
Combo headphone/mic port	✓	Width *	95 mm
Design		Depth *	303 mm
Chassis type *	SFF	Height *	270 mm
Number of 3.5" bays	1	Weight *	4.2 kg
Product colour *	Black	Package width	196 mm
Introduction year	2022	Package depth	498 mm
Introduction month	7	Package height	346 mm
Country of origin	China	Package weight	6 kg
Performance		Packaging content	
Market positioning	Proven productivity	Display included *	✗
Motherboard chipset	Intel H670	Mouse included	✓
Audio chip	Realtek ALC3867	Keyboard included	✓
		Keyboard connectivity	Wired
		Logistics data	
		Harmonized System (HS) code	8471500000
		Other features	
		Number of free internal memory expansion slots	1



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