

HP Pro 290 G9(6B2S2EA#ABU)

HP Pro 290 G9 - SFF - Core i5 12400 / 2.5 GHz - RAM 8 GB - SSD 512 GB - NVMe - DVD-Writer - UHD Graphics 730 - Gigabit Ethernet - Win 11 Pro - monitor:none - keyboard:UK



Get the exceptional combination of responsive performance, connectivity and speed with an Intel Core i5 processor that lets you launch, create, and connect fast and reliably.

Key Selling Points

Powered up processing
Expansion for the future
Help keep data safe

Product Features

Powered up processing

Easily manage your daily business with an Intel Core i5 processor, powerful memory, drives, and graphics.

Expansion for the future

Two bays and two full-height slots provide expandability for the future.

Help keep data safe

Help protect your investment and your data with firmware TPM, HP drive lock, and a physical security lock slot.

Main Specifications

Product Description	HP Pro 290 G9 - SFF - Core i5 12400 2.5 GHz - 8 GB - SSD 512 GB - UK
Type	Personal computer - small form factor
Localisation	Language: English / region: United Kingdom
Processor	Intel Core i5 (12th Gen) 12400 / 2.5 GHz (, up to 4.4 GHz, (6-core)
Processor Main Features	Hyper-Threading Technology, Intel Turbo Boost Technology 2, Intel Smart Cache
Cache Memory	18 MB L3 Cache
Cache Per Processor	18 MB
RAM	8 GB (installed) / 64 GB (max) - DDR4 SDRAM - non-ECC
Storage Controller	SATA
Hard Drive	SSD 512 GB - PCI Express - M.2 2280 - NVM Express (NVMe)
Optical Storage	DVD-Writer
Graphics Controller	Intel UHD Graphics 730 Dynamic Video Memory Technology
Audio Output	Stereo
Networking	1GbE
Keyboard	UK
Power	(50/60 Hz)
OS Provided	Windows 11 Pro
Software Included	HP Support Assistant, McAfee LiveSafe (1 year subscription), HP Setup Integrated OOB, HP System Event Utility, Dropbox (25 GB Cloud Storage) (free for 1 year), HP Documentation, HP Audio Switch, HP JumpStart, Xerox DocuShare (90 days trial)
Dimensions (WxDxH)	9.5 cm x 30.3 cm x 27 cm
Weight	4.2 kg

Environmental Standards	ENERGY STAR Qualified
Manufacturer Warranty	Limited warranty - parts and labour - 1 year - on-site

Extended Specification

General

Type	Personal computer
Product Form Factor	Small form factor
Embedded Security	Trusted Platform Module (TPM 2.0) Security Chip
Localisation	Language:English / region:United Kingdom

Processor / Chipset

CPU	Intel Core i5 (12th Gen) 12400
Clock Speed	2.5 GHz
Max Turbo Speed	4.4 GHz
Number of Cores	6-core
CPU Qty	1
Max CPU Qty	1
CPU Upgradability	Upgradable
Processor Main Features	Hyper-Threading Technology, Intel Turbo Boost Technology 2, Intel Smart Cache
Chipset Type	Intel H670

Cache Memory

Installed Size	L3 Cache - 18 MB
Cache Per Processor	18 MB

RAM

Installed Size	8 GB / 64 GB (max)
Technology	DDR4 SDRAM - non-ECC
Effective Memory Speed	2933 MHz
Rated Memory Speed	2933 MHz
Form Factor	DIMM 288-pin
Slots	2 (Total) / 1 (empty)
Features	Unbuffered
Configuration Features	1 x 8 GB

Hard Drive

Type	SSD - M.2 2280
Capacity	1 x 512 GB
Interface Type	PCI Express
Features	NVM Express (NVMe)

Storage Controller

Type	1 x SATA
------	----------

Channel Qty	3
-------------	---

Optical Storage

Type	DVD-Writer
------	------------

Monitor

Monitor Type	None.
--------------	-------

Graphics Controller

Graphics Processor	Intel UHD Graphics 730 Dynamic Video Memory Technology
--------------------	--

Video Interfaces	VGA, HDMI
------------------	-----------

Audio Output

Sound Output Mode	Stereo
-------------------	--------

Max Sampling Rate	192 kHz
-------------------	---------

Compliant Standards	High Definition Audio
---------------------	-----------------------

Input Device

Type	Mouse, keyboard
------	-----------------

Keyboard

Keyboard Name	HP 125
---------------	--------

Interface	USB
-----------	-----

Localization & Layout	UK
-----------------------	----

Mouse

Mouse Name	HP 125
------------	--------

Interface	USB
-----------	-----

Networking

Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
--------------------	---

Remote Management Protocol	SNMP 2
----------------------------	--------

Features	Wake on LAN (WoL), ACPI support
----------	---------------------------------

Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3i, IEEE 802.3ab
---------------------	--

Expansion / Connectivity

Bays	1 (total) / 0 (free) x external 5.25" Slim Line 2 (total) / 2 (free) x internal 3.5"
------	---

Slots	1 (total) / 1 (free) x PCIe 4.0 x16 1 (total) / 1 (free) x PCIe 3.0 x1 1 (total) / 1 (free) x M.2 Card - 2230 1 (total) / 0 (free) x M.2 Card - 2242/2280
-------	--

Interfaces	1 x headphones/microphone 4 x USB 3.2 Gen 1 4 x USB 2.0 1 x audio line-in 1 x audio line-out 1 x HDMI 1 x VGA 1 x LAN (Gigabit Ethernet)
------------	---

Miscellaneous

Theft/Intrusion Protection	Security lock slot (cable lock sold separately), padlock loop
Security Slot Type	Kensington security slot
Compliant Standards	CSA, UL, RoHS, ETS 300 826, WEEE, ETS 300 328, FCC CFR47 Part 15 C, LVD, CECP, SEPA, IEC 950, ErP Lot 3 2013 Ready, Japan PC Green Label, Taiwan Green Mark, Korea Eco-Label

Power

Device Type	Power supply
Voltage Required	AC 90-264 V (50/60 Hz)
Power Provided	180 Watt
Efficiency	90% (115VAC) / 92% (230VAC)
Power Factor Correction	Yes (active)

Operating System / Software

OS Provided	Windows 11 Pro English
Software	HP Support Assistant, McAfee LiveSafe (1 year subscription), HP Setup Integrated OOBE, HP System Event Utility, Dropbox (25 GB Cloud Storage) (free for 1 year), HP Documentation, HP Audio Switch, HP JumpStart, Xerox DocuShare (90 days trial)

Sustainability Information

ENERGY STAR Certified	Yes
-----------------------	-----

Manufacturer Warranty

Service & Support	Limited warranty - parts and labour - 1 year - on-site
-------------------	--

Dimensions & Weight

Width	9.5 cm
Depth	30.3 cm
Height	27 cm
Weight	4.2 kg

Dimensions & Weight (Shipping)

Shipping Width	19.6 cm
Shipping Depth	49.9 cm
Shipping Height	34.2 cm
Shipping Weight	6 kg

Environmental Parameters

Min Operating Temperature	5 °C
Max Operating Temperature	35 °C
Humidity Range Operating	5 - 90% (non-condensing)

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet