

HP Pro 290 G9 (9M939AT#ABU)

HP Pro 290 G9 - Tower Core i3 12100 / up to 4.3 GHz - RAM 8 GB - SSD 256 GB - NVMe - UHD Graphics 730 - Gigabit Ethernet - FreeDOS - monitor: none - keyboard: UK - Smart Buy



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

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 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 and a physical security lock slot.

Main specifications

Product Description	HP Pro 290 G9 - tower Core i3 12100 3.3 GHz - 8 GB - SSD 256 GB - UK
Type	Personal computer - tower
Localisation	Language: English / region: United Kingdom
Processor	Intel Core i3 (12th Gen) 12100 / 3.3 GHz (up to 4.3 GHz, (Quad-Core)
Processor Main Features	Hyper-Threading Technology, Intel Turbo Boost Technology, Intel Smart Cache
Cache Memory	12 MB L3 Cache
Cache Per Processor	12 MB
RAM	8 GB (installed) / 64 GB (max) - DDR4 SDRAM - non-ECC
Hard Drive	SSD 256 GB - PCI Express 3.0 - M.2 2280 - NVMe Express (NVMe)
Optical Storage	No optical drive
Graphics Controller	Intel UHD Graphics 730 Dynamic Video Memory Technology
Audio Output	Stereo
Networking	1GbE
Keyboard	UK
Power	(50/60 Hz)
OS Provided	FreeDOS
Dimensions (WxDxH)	15.5 cm x 30.3 cm x 33.7 cm
Weight	4.7 kg
Manufacturer Selling Program	HP Smart Buy
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	Tower
Embedded Security	Trusted Platform Module (TPM 2.0) Security Chip
Localisation	Language: English / region: United Kingdom

Expansion / Connectivity

Bays	1 (total) / 0 (free) x external 5.25" Slim Line ¦ 1 (total) / 1 (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) / 0 (free) x M.2 Card - 2230 (for WLAN) ¦ 1 (total) / 0 (free) x M.2 Card - 2242/2280 (for internal storage)
Interfaces	1 x headphones/microphone (1 front) (CTIA headset support) ¦ 4 x USB 3.2 Gen 1 (4 front) ¦ 4 x USB 2.0 (4 rear) ¦ 1 x audio line-in (1 rear) ¦ 1 x audio line-out (1 rear) ¦ 1 x HDMI (1 rear) ¦ 1 x VGA (1 rear) ¦ 1 x LAN (Gigabit Ethernet) - RJ-45 (1 rear)

Manufacturer Warranty

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

Installed Size	8 GB (installed) / 64 GB (max)
Technology	DDR4 SDRAM - non-ECC
Effective Memory Speed	3200 MHz
Rated Memory Speed	3200 MHz
Form Factor	DIMM 288-pin
Slots	2 (Total) / 1 (empty)
Features	Unbuffered
Configuration Features	1 x 8 GB

Networking

Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Remote Management Protocol	SNMP 2
Features	Wake on LAN (WoL), ACPI support, PXE 2.1 support
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3i, IEEE 802.3ab

Miscellaneous

Theft/Intrusion Protection	Security lock slot (cable lock sold separately), padlock loop, integrated accessories cable lock
Security Slot Type	Kensington security slot
Manufacturer Selling Program	HP Smart Buy

Power

Device Type	Power supply
Voltage Required	AC 90-264 V (50/60 Hz)
Power Provided	180 watt
Efficiency	92% at 50% Load (230 VAC), 87% at 20% Load (115 VAC), 88% at 20% Load (230 VAC), 90% at 50% Load (115 VAC), 87% at 100% Load (115 VAC), 88% at 100% Load (230 VAC)
Power Factor Correction	Yes (active)

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 90% RH (non-condensing)

Cache Memory

Installed Size	L3 Cache - 12 MB
Cache Per Processor	12 MB

Optical Storage

Type	No optical drive
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Operating System / Software

OS Provided	FreeDOS
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Monitor

Monitor Type	None.
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Graphics Controller

Graphics Processor	Intel UHD Graphics 730 Dynamic Video Memory Technology
Video Interfaces	VGA, HDMI
HDCP Compatible	Yes

Audio Output

Sound Output Mode	Stereo
Max Sampling Rate	192 kHz
Compliant Standards	High Definition Audio

Hard Drive

Type	SSD - M.2 2280
Capacity	1 x 256 GB
Interface Type	PCI Express 3.0
Features	NVM Express (NVMe)

Input Device

Type	Mouse, keyboard
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Dimensions & Weight

Width	15.5 cm
Depth	30.3 cm
Height	33.7 cm
Weight	4.7 kg

Dimensions & Weight (Shipping)

Shipping Width	40 cm
Shipping Depth	49.9 cm
Shipping Height	28.7 cm
Shipping Weight	8 kg

Keyboard

Keyboard Name	HP 125
Interface	USB
Localization & Layout	UK

Mouse

Mouse Name	HP 125
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Processor / Chipset

CPU	Intel Core i3 (12th Gen) 12100
Clock Speed	3.3 GHz
Max Turbo Speed	4.3 GHz
Number of Cores	Quad-Core
CPU Qty	1
Max CPU Qty	1
L2 cache	5 MB
CPU Upgradability	Upgradable
Processor Main Features	Hyper-Threading Technology, Intel Turbo Boost Technology, Intel Smart Cache
Chipset Type	Intel H670

Sustainability Information

ENERGY STAR Certified	Yes
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