



# HP Pavilion 27-ca1000nu Bundle AiO PC (7B2Z9EA)

## Overview

### Simplify your work and play into one

The HP Pavilion All-in-One is simply all you need. A desktop designed to keep you productive for streaming or gaming with a flicker-free[1] display and killer audio experience. The low blue light filter keeps your eyes happier for longer and the pop-up privacy camera is great for video calls[2]. Feel good about your choice with a sustainable design[3].



### Ready for streaming and entertainment

Enjoy immersive entertainment on a flicker free[1], stunning display with low blue light filter, plus Audio by B&O.



### Designed with the planet in mind

Built with ocean bound plastic[3], is EPEAT® Gold & ENERGY STAR®[5] certified plus comes in recyclable packaging[6].



### Supports your productivity

Stay securely connected with the 5MP pop-up camera[2], and power through the whole day with an Intel® Processor[4].

## Features



### A dynamic processor that adapts to you for superior multi-tasking performance

12th Gen Intel® Core™ processors distributes performance where you need it the most — saving you time and increasing your ability to do the things you actually want.<sup>[4]</sup>



### Anti-glare panel

Enjoy the sun and your favorite content with this anti-glare panel. Non-reflective and low gloss means you'll get less glare while you're outside.



### Quality everyone can count on

Life can be unpredictable, but your HP All-in-One shouldn't be. Backed by over 230 individual tests, our All-in-One goes through it all to deliver durability you can trust and reliability you can count on.<sup>[8]</sup>

### Flicker-free

Using DC Dimming technology that controls brightness by adjusting direct current rather than cycling the backlight, we can eliminate screen flickering for more comfortable viewing.<sup>[7]</sup>



### PCIe SSD storage

Boot up in seconds with lightning fast speed with up to 512 GB PCIe SSD storage.



### Dual channel memory

With dual channel technology, two channels work simultaneously to double the communication speed between the memory controller and the RAM increasing system performance.

---

[1] The Flicker-free capability is driven by eliminating screen flickering through integrating DC-dimming LED backlights.

[2] Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included.

[3] Desktops manufactured with ocean-bound plastic material in panel frame, rear cover and vent over contain post-consumer recycled plastic. Percent of recycled materials contained in each component varies by product.

[4] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.

[5] Based on U.S. EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.

[6] Outer Boxes and Fiber Cushions made with 100% Sustainably Sourced and Recyclable Packaging.

[7] The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.

[8] HP Total Test Process testing is not a guarantee of future performance under these test conditions. Damage under the HP Total Test Process test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

## Specifications

<b>Form factor</b>	Customized
<b>Operating system</b>	FreeDOS
<b>Product color</b>	Snowflake white, natural silver stand
<b>Processor family</b>	12th Generation Intel® Core™ i5 processor
<b>Processor</b>	Intel® Core™ i5-12400T (up to 4.2 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 6 cores, 12 threads) <sup>[6,7]</sup>
<b>Chipset</b>	Intel® H670
<b>Memory</b>	16 GB DDR4-3200 MHz RAM (2 x 8 GB)
<b>Memory Slots</b>	2 SODIMM
<b>Internal Storage</b>	512 GB PCIe® NVMe™ M.2 SSD
<b>Product design</b>	Paint finish
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® UHD Graphics 730
<b>Display</b>	68.6 cm (27") diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 250 nits, 72% NTSC
<b>Display</b>	27" diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 250 nits, 72% NTSC
<b>Audio</b>	Audio by B&O; Dual 4 W speakers
<b>Minimum dimensions (W x D x H)</b>	61.41 x 20.81 x 47.13 cm
<b>Minimum dimensions (W x D x H)</b>	24.18 x 8.2 x 18.56 in
<b>Weight</b>	8.3 kg
<b>Weight</b>	18.3 lb
<b>Keyboard</b>	HP 310 White Wired Keyboard and mouse combo
<b>Camera</b>	HP True Vision 5 MP IR privacy camera with temporal noise reduction integrated dual array digital microphones, 1.4 μm camera sensor
<b>Video connectors</b>	1 HDMI-out 1.4; 1 HDMI-in 1.4b
<b>Ports</b>	1 USB Type-C® 5Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate; 2 USB 2.0 Type-A; 1 RJ-45
<b>Expansion slots</b>	2 M.2 (1 for SSD, 1 for WLAN)
<b>Ports</b>	1 USB Type-A 5Gbps signaling rate (Battery Charging 1.2); 1 headphone/microphone combo
<b>Package dimensions (W x D x H)</b>	85 x 29.5 x 70.5 cm
<b>Package weight</b>	14.31 kg
<b>Network interface</b>	Integrated 10/100/1000 GbE LAN
<b>Wireless</b>	Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 wireless card

**Power supply type** 150 W AC power adapter

**Sustainable impact specifications** 15% post-consumer recycled plastic; Recycled fabric; Water based paint; Ocean-bound plastic

**Security management** Kensington MicroSaver lock slot

**UPC number** 197029943118

## Additional specifications

<b>Bluetooth version</b>	Bluetooth® 5.0
<b>Camera Infrared</b>	IR
<b>Camera brand</b>	HP True Vision
<b>Camera microphone</b>	integrated dual array digital microphones
<b>Camera resolution</b>	5
<b>Camera resolution uom</b>	MP
<b>Color gamut</b>	72% NTSC
<b>Display</b>	68.6 cm (27") diagonal FHD display
<b>Display</b>	27" diagonal FHD display
<b>Display bezel</b>	three-sided micro-edge
<b>Display brightness</b>	250
<b>Display brightness uom</b>	nits
<b>Display panel technology</b>	IPS
<b>Display resolution (pixels)</b>	1920 x 1080
<b>Display resolution standard</b>	FHD
<b>Display size (diagonal) uom</b>	"
<b>Display size (diagonal, imperial)</b>	27
<b>Display size (diagonal, metric)</b>	68.6
<b>Display size (diagonal, metric) uom</b>	cm
<b>Display surface treatment</b>	anti-glare
<b>Flicker-free</b>	Yes <sup>[45]</sup>
<b>I/O Port location</b>	Rear
<b>I/O Port location</b>	Side
<b>Keyboard color</b>	white
<b>Keyboard connectivity</b>	wired
<b>Memory and storage</b>	16 GB memory; 512 GB SSD storage
<b>Memory layout (slots &amp; size)</b>	2 x 8 GB
<b>Memory module type</b>	SODIMM
<b>Memory size</b>	16
<b>Memory size uom</b>	GB
<b>Memory speed</b>	3200
<b>Memory speed uom</b>	MHz

Memory type	DDR4
Number of memory slots	2
Package dimensions (W x D x H)	33.46 x 11.61 x 27.76 in
Package weight	31.55 lb
Processor Brand	Intel®
Processor base frequency	1.8
Processor cache	18 MB L3
Processor core	6
Processor family	Core™ i5
Processor frequency UOM	GHz
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	12th Generation
Processor maximum frequency	4.2
Processor maximum frequency uom	GHz
Processor model	12400T
Processor threads	12
Product brand name	HP
Product long name specifications	HP Pavilion 27-ca1000nu Bundle AiO PC, FreeDOS, 27", Intel® Core™ i5, 16GB RAM, 512GB SSD, FHD
Product long name specifications V2	FreeDOS, 27", Intel® Core™ i5, 16GB RAM, 512GB SSD, FHD
Product short name specifications	HP Pavilion 27-ca1000nu Bundle AiO PC, 27", Intel® Core™ i5, 16GB RAM, 512GB SSD
Screen-to-body Ratio (with speakers) footnote number	[5]
Screen-to-body ratio (with speakers)	83.7%
Screen-to-body ratio (without speakers)	98% <sup>[4]</sup>
Storage capacity	512
Storage capacity uom 01	GB
Storage form factor 01	M.2
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
Touchscreen	No

<b>UNSPSC code</b>	43211507
<b>Wireless Model</b>	RTL8822CE
<b>Wireless antenna</b>	2x2
<b>Wireless standard</b>	802.11a/b/g/n/ac
<b>Wireless supplier</b>	Realtek

---

[4] Percent of active and nonactive viewing area to bezel area excluding speaker.

[6] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[45] The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights.

---

## Disclaimer — Copyright

Intel, Core, Optane, Celeron, Pentium, Iris, XMM, and Thunderbolt are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. AMD, Ryzen, Athlon, and Radeon are trademarks of Advanced Micro Devices, Inc. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. NVIDIA and GeForce are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. McAfee and McAfee LiveSafe are trademarks or registered trademarks of McAfee LLC in the United States and other countries. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. All other trademarks are the property of their respective owners.

© Copyright 2022 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.