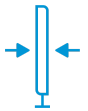# HP Pavilion All-in-One PC 24-k0000a (7TC08AV) (2D6K4EA)

Overview

The perfect centerpiece

From its impeccable design to its power and performance, the HP Pavilion All-in-One PC is made to tackle demanding projects and enjoy movie marathons, all while looking good. The perfect blend of form and function, it fits beautifully into any home.

Thoughtfully crafted

Made for the modern eye. With a micro-edge display, sleek and slim design, and leather accents this PC is wrapped in sophistication. Conveniently placed ports on the side and back of the device allow for easy access and reduced cord-clutter.

Lights, camera, and all the action

The best seat is at your house. Speakers wrapped in acoustic fabric and custom tuned by the experts at B&O deliver incredible sound quality, and with up to 4K[1] resolution with optional DisplayHDR™[2] 400, every scene comes to life in jaw-dropping detail. Easily stream music from your smartphone with HP Audio Stream.[3]

Freedom to explore

Stream and browse carefree with a pop-up privacy camera that tucks safely away when not in use. Tackle your busiest days with the performance of a reliable processor, and save more of what you love with abundant storage for all your photos, videos and documents.

We've got your back

For 80 years, we've had your back. Trusted by millions of customers, the HP brand puts dependable technology above all else. That's why our PCs go through over 230 individual tests[4] to ensure you're getting a powerful, reliable PC that's going to last.

Features

Windows 10

Do great things confidently with the familiar feel of Windows - only better.[5]

AMD Ryzen™ 7 Processor

With 8 cores, 16 threads, and a 20 MB cache, this is a multi-threaded performance beast. The newly-designed, ultra-efficient architecture dominates even the most CPU intensive games, without issue.[6]

PCIe SSD storage

Boot up in seconds with lightning fast speed with up to 256 GB PCIe SSD storage.

Dual storage configurations

By including both an SSD drive for the operating system and a traditional hard drive you get the benefits of both worlds—fast boot up times, snappy responsiveness, and larger storage capacity.

SuperSpeed USB Type-A 5Gbps signaling data rate

Plug in your external storage with this SuperSpeed USB Type-A port, featuring 5Gbps signaling data rate. [7]

HDMI out

It's never been easier to give your device a bigger or second display. With HDMI output you can transmit HD video and sound with just one standard cable.

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[1] 4K content required to view full 4K images.

[2] DisplayHDR™ is the high-performance Monitor and Display Compliance Test Specification from VESA specifying HDR (High Dynamic Range) quality. See http://displayhdr.org for more details.

[3] Supports devices with Android 5.0 and higher and iPhone with iOS 11. Bluetooth must be turned on in setting for device detection and data charges may apply.

[4] 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.

[5] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.microsoft.com.

[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. AMD's numbering is not a measurement of clock speed.

[7] Actual throughput may vary.

Specifications

Form factor	All-in-One
Operating system	Windows 10 Home 64
Product color	Snowflake white
Processor family	AMD Ryzen™ 7 processor
Processor	AMD Ryzen™ 7 4800H (2.9 GHz base clock, up to 4.2 GHz max boost clock, 8 MB L3 cache, 8 cores)[6,7]
Memory	8 GB DDR4-3200 SDRAM (1 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ M.2 SSD
Hard drive (2nd)	1 TB 7200 rpm SATA HDD
Memory card device	HP 3-in-1 memory card reader
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Display	60.5 cm (23.8") diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, BrightView, 250 nits, 72% NTSC
Display	23.8" diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, BrightView, 250 nits, 72% NTSC
Audio features	Audio by B&O, dual 5 W speakers
Minimum dimensions (W x D x H)	54.03 x 16.5 x 43.53 cm
Minimum dimensions (W x D x H)	21.27 x 6.5 x 17.14 in
Weight	6.4 kg
Weight	14.1 lb
Keyboard	USB white wireless keyboard and mouse combo
Webcam	HP Wide Vision 5 MP IR privacy camera with integrated quad array digital microphone
Ports	1 SuperSpeed USB Type-A 5Gbps signaling rate (Battery Charging 1.2); 1 headphone/microphone combo
Expansion slots	2 M.2 (1 for SSD, 1 for WLAN)
Ports	1 SuperSpeed USB Type-C® 5Gbps signaling rate; 3 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI-in 1.4; 1 HDMI-out 1.4; 1 RJ-45
Package dimensions (W x D x H)	59.7 x 24.8 x 51 cm
Package weight	11.21 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	Realtek 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo
Power supply type	120 W Smart AC power adapter
Energy efficiency	ENERGY STAR® certified

Security management	Kensington MicroSaver lock slot
Pre-installed software	Netflix
Software included	McAfee LiveSafe™
Software – Productivity & finance	1 month trial for new Microsoft 365 customers[24]
Cloud service	Dropbox[1]
UPC number	195161263989

Additional specifications

Bluetooth version	Bluetooth® 5
Color gamut	72% NTSC
Display	23.8" diagonal FHD display
Display	60.5 cm (23.8") diagonal FHD display
Display bezel	three-sided micro-edge
Display brightness	250
Display brightness uom	nits
Display panel technology	IPS
Display resolution (pixels)	1920 x 1080
Display resolution standard	FHD
Display size (diagonal) uom	"
Display size (diagonal, imperial)	23.8
Display size (diagonal, metric)	60.5
Display size (diagonal, metric) uom	cm
Display surface treatment	BrightView
ECC memory	No
I/O Port location	Rear
I/O Port location	Side
MDA key selling point	Windows 10 Home or other operating systems available
Memory and storage	8 GB memory; 2 TB HDD storage; 256 GB SSD storage
Memory layout (slots & size)	1 x 8 GB
Memory module type	DIMM
Memory size	8
Memory size uom	GB
Memory speed	3200
Memory speed uom	MHz
Memory type	DDR4
Number of memory slots	1
Package dimensions (W x D x H)	23.5 x 9.76 x 20.07 in
Package weight	24.71 lb
Processor Brand	AMD
Processor base frequency	2.9
Processor base frequency uom	GHz

Processor core	8
Processor family	Ryzen™ 7
Processor maximum frequency	4.3
Processor maximum frequency uom	GHz
Processor model	4800H
Processor speed	2.9 GHz
Processor threads	16
Product brand name	HP
Storage capacity 01	256
Storage capacity 02	1
Storage capacity uom 01	GB
Storage capacity uom 02	TB
Storage form factor 01	M.2
Storage interface 01	PCIe®
Storage interface 02	SATA
Storage interface protocol 01	NVMe™
Storage speed 01	7200
Storage speed 02	7200
Storage speed uom 01	rpm
Storage speed uom 02	rpm
Storage type	SSD; HDD
Storage type 01	SSD
Storage type 02	HDD
Wireless antenna	2x2
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Realtek

[1] New Dropbox users are eligible to get 25 GB of Dropbox space free for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at https://www.dropbox.com/help/space/hp-promotion. Internet service required and not included.

[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. AMD's numbering is not a measurement of clock speed.

[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

[24] Must activate within 180 days of Windows activation.

Accessories

Keyboards/Mice and Input Devices

★ : Recommended

Mice

HP Bluetooth Travel Mouse	**6SP25AA ★**
HP Dual Mode Mouse	**6CR71AA ★**
HP Z3700 Silver Wireless Mouse	**X7Q44AA ★**
HP Bluetooth® Mouse 250	6CR73AA
HP Bluetooth® Mouse Z5000	2HW67AA
HP ENVY Rechargeable Mouse 500	2LX92AA
HP ENVY Rechargeable Mouse 500	2WX69AA
HP Elite Presenter Mouse	3YF38AA
HP Pavilion Gaming Mouse 200	5JS07AA
HP Pavilion Gaming Mouse 300	4PH30AA
HP Pavilion Gaming Mouse 300	4PH31AA
HP Retractable Wired Mouse 100	6GJ71AA
HP Spectre Bluetooth Mouse 500	1AM58AA
HP Spectre Rechargeable Mouse 700	3NZ70AA
HP Spectre Rechargeable Mouse 700	3NZ71AA
HP Spectre Rechargeable Mouse 700	4YH33AA
HP Spectre Rechargeable Mouse 700	4YH34AA
HP Spectre Rechargeable Mouse 700	5VD59AA
HP Wired Mouse 100	6VY96AA
HP Wired Mouse 1000	4QM14AA
HP Wireless Mouse 200	2HU82AA
HP Wireless Mouse 200	2HU83AA
HP Wireless Mouse 200	2HU84AA
HP Wireless Mouse 200	2HU85AA
HP Wireless Mouse 200	2VY31AA
HP Wireless Mouse 200	2VY33AA
HP Wireless Mouse 200	X6W31AA
HP Wireless Mouse 201	3XA55AA
HP Wireless Mouse 202	2NE06AA
HP Wireless Mouse 220	3FV66AA

HP Wireless Mouse 220	7KX10AA
HP Wireless Mouse 220	7KX11AA
HP Wireless Mouse 220	7KX12AA
HP Wireless Mouse 220 with Pouch	6JA61AA
HP Wireless Mouse 220 with Pouch	6JA62AA
HP Wireless Mouse 220 with Pouch	6JA63AA
HP Wireless Mouse 250	3FV67AA
HP Wireless Mouse X200	6VY95AA
HP Wireless Mouse X3000	2HW69AA
HP Wireless Mouse Z3700	4VY81AA
HP Wireless Mouse Z3700	4VY82AA
HP Wireless Mouse Z3700	6SD49AA
HP Wireless Mouse Z3700	7UH85AA
HP Wireless Mouse Z3700	7UH86AA
HP Wireless Mouse Z3700	7UH87AA
HP Wireless Mouse Z3700	7UH88AA
HP Wireless Mouse Z3700	7UH89AA
HP Wireless Mouse Z4000	2HW66AA
HP Wireless Mouse Z4000	H5N61AA
HP X220 Backlit Gaming Mouse	8DX48AA
HP X3000 Wireless Mouse	H2C22AA
HP X4500 Wireless (Black) Mouse	H2W16AA
HP X4500 Wireless (Metal Black) Mouse	H2W26AA
HP X500 Wired Mouse	E5E76AA
HP X900 Wired Mouse	V1S46AA
HP Z3200 Black Wireless Mouse	J0E44AA
HP Z3200 White Wireless Mouse	E5J19AA
HP Z3700 Black Wireless Mouse	V0L79AA
HP Z3700 Blue Wireless Mouse	V0L81AA
HP Z3700 Ceramic White Wireless Mouse	171D8AA
HP Z3700 Forest Teal Wireless Mouse	171D9AA
HP Z3700 Gold Wireless Mouse	X7Q43AA
HP Z3700 Red Wireless Mouse	V0L82AA
HP Z3700 White Wireless Mouse	V0L80AA
HP Z5000 Bluetooth Mouse	E5C13AA
HP Z5000 Dark Ash Silver Wireless Mouse	W2Q00AA

OMEN Vector Essential Mouse	8BC52AA
OMEN Vector Mouse	8BC53AA
OMEN Vector Wireless Mouse	2B349AA
OMEN by HP Mouse 400	3ML38AA
OMEN by HP Mouse 600	1KF75AA
OMEN by HP Photon Wireless Mouse	6CL96AA
OMEN by HP Reactor Mouse	2VP02AA
OMEN by HP Reactor Mouse	7ZF19AA

Keyboard and Mouse Kits

HP Pavilion Wireless Keyboard and Mouse 800	**4CE99AA ★**
HP Pavilion Keyboard and Mouse 200	**9DF28AA ★**
HP C2500 Desktop	H3C53AA
HP C2500 Desktop	J8F15AA
HP C2710 Combo Keyboard	M7P30AA
HP Pavilion Wired Keyboard and Mouse 400	4CE97AA
HP Pavilion Wireless Keyboard and Mouse 800	4CF00AA
HP Wired Keyboard and Mouse 160	6HD76AA
HP Wireless Keyboard and Mouse 250	6JU16AA
HP Wireless Keyboard and Mouse 300	3ML04AA

Keyboards

HP Pavilion Wireless Keyboard 600	**4CE98AA ★**
HP Classic Wired Keyboard	WZ972AA
HP K1500 Keyboard	H3C52AA
HP K1500 Keyboard	J8F16AA
HP K2500 Wireless Keyboard	E5E77AA
HP Keyboard 100	2UN30AA
HP Pavilion Gaming Keyboard 500	3VN40AA
HP Pavilion Gaming Keyboard 550	9LY71AA
HP Pavilion Gaming Keyboard 800	5JS06AA
HP Pavilion Wired Keyboard 300	4CE96AA
HP Pavilion Wireless Keyboard 400	4XL88AA
HP Pavilion Wireless Keyboard 600	4CF02AA
HP Spectre Rechargeable Keyboard 1000	2ER92AA
OMEN Spacer Wireless TKL Keyboard	9BU31AA

OMEN by HP Encoder Keyboard	6YW75AA
OMEN by HP Encoder Keyboard	6YW76AA
OMEN by HP Keyboard 1100	1MY13AA
OMEN by HP Sequencer Keyboard	2VN99AA

Audio/Multimedia and Communication Devices

Headsets

HP Earbuds Black Headset 150	X7B04AA ★	
HP Bluetooth Headset 400	2ZW81AA	
HP Bluetooth Headset 400	2ZW82AA	obsolete
HP Bluetooth Headset 500	2J875AA	
HP Boom Mic Headset 150	2EM62AA	
HP H2800 Black Headset	J8F10AA	
HP In-Ear Headphone 100	1KF54AA	
HP In-Ear Headphone 100	1KF55AA	
HP In-Ear Headphone 100	1KF56AA	
HP In-Ear Headset 150	2AP90AA	
HP In-Ear Headset 150	2AP91AA	
HP In-Ear Headset 150	2AP92AA	
HP In-Ear Headset 150	2AP93AA	
HP On-Ear Headphone 200	2VB08AA	
HP Pavilion Gaming Headset 400	4BX31AA	
HP Pavilion Gaming Headset 600	4BX33AA	
HP Pavilion Gaming Headset 600	5RY19AA	
HP Stereo Headset H2800	2AP94AA	
HP Stereo Headset H2800	2AP95AA	
HP X1000 Wireless Gaming Headset	7HC42AA	
HP X1000 Wireless Gaming Headset	7HC43AA	
OMEN Frequency Wireless Headset	9FL60AA	
OMEN by HP Headset 800	1KF76AA	
OMEN by HP Mindframe Prime Headset	6MF35AA	
OMEN by HP Mindframe Prime Headset	6MF36AA	
Omen X by HP Mindframe Headset	3XT27AA	

Headphones

HP Black Doha In-Ear Headset 150	Z3M53AA
OMEN Dyad Earbuds	8JE67AA

Speakers

HP Gaming Speakers X1000	8PB07AA

Batteries/Chargers/Adapters

AC Adapters

HP 65W 4.5mm Non-EM AC Adapter	Y5Y43AA
HP 90W Smart Power AC Adapter	W5D55AA

Networking Products

Switches/Hubs/Routers/Converters/Repeaters

HP ENVY USB-C Hub	5LX63AA

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter	X1B84AA

Cables/Cable Kits/Cable Adapters

Cable Adapters

HP Spectre USB-C Travel Dock	2SR85AA
HP USB Type-C to RJ45 Adapter	V8Y76AA
HP USB-C Dock	Y0K80AA
HP USB-C to Multi-port Hub	1BG94AA
HP USB-C to USB-A Hub	Z8W90AA

PC Drives and Storage

PC DVD+RW Drives

HP USB External DVDRW Drive	F6V97AA

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