HP All-in-One 24-dp0803ng Bundle PC (4Q8U5EA)



Overview

The HP All-in-One PC is designed to easily grow with you.

The HP All-in-One PC blends the power of a desktop with the beauty of a slim, three-sided micro-edge display for one dependable device designed to grow with you. With easy upgrades[1] in three simple steps, you can feel confident your tech will stay up-to-date.

A powerful PC

Looking for a powerful All-in-One PC so you can tackle your busiest days with the performance of a reliable processor? Save more of what you love with abundant storage for all your photos, videos and documents.

Thoughtfully designed

A three-sided micro-edge display lets you see more of your screen with a pop-up privacy camera that tucks safely away when not in-use. Conveniently placed ports help keep cords out of the way, so your space feels clean and uncluttered.

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[2] to ensure you’re getting a powerful, reliable PC that's going to last.

Features

AMD Ryzen™ 4000 Series Mobile Processors

Accelerate Everything You Do. From booting up, to productivity and entertainment, everything is fast and responsive with AMD Ryzen™ 4000 Series Mobile Processors.[2]

AMD Radeon™ graphics

Whether it's games or movies, experience high performance for all your entertainment.

FHD IPS display

Enjoy crystal-clear images from any angle. With 178° wide-viewing angles and a vibrant 1920 x 1080 resolution, you'll always have a great view of your favorite content.[3]

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.

PCIe SSD storage

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

DDR4 RAM

Designed to run more efficiently and more reliably at faster speeds, DDR4 is the future of RAM. With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.

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[1] This device has been engineered for optimal performance. Upgrading PC may affect warranty coverage.

[2] 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. Based on AMD Labs testing May 2020 using the 3D Mark TimeSpy benchmark to measure the graphics performance of the Ryzen 7 4700G, Ryzen 5 4600G, and Ryzen 3 4300G desktop processors vs. the Core i7-9700, Core i5-9400, and Core i3-9100 Intel desktop processors. Performance may vary. 3DMark is a registered trademark of Futuremark Corporation.

[3] Full high-definition (FHD) content is required to view FHD images.

Specifications

Form factor	All-in-One
Operating system	Windows 10 Home 64 – free upgrade to Windows 11 when available[38] *(This PC comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. The Windows 11 upgrade will be delivered late 2021 into 2022. Timing varies by device. Certain features require specific hardware. See aka.ms/windows11-spec)*
Product color	Natural silver
Processor family	AMD Ryzen™ 5 processor
Processor	AMD Ryzen™ 5 4500U (2.3 GHz base clock, up to 4.0 GHz max boost clock, 8 MB L3 cache, 6 cores)[6,7]
Chipset	AMD Integrated SoC
Memory	8 GB DDR4-3200 MHz RAM (1 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ TLC M.2 SSD
Memory card device	HP 3-in-1 Media 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, anti-glare, 250 nits, 72% NTSC
Audio	Dual 2 W speakers
Minimum dimensions (W x D x H)	54.08 x 20.43 x 41.03 cm
Weight	7.71 kg
Keyboard	USB white wireless keyboard and mouse combo
Webcam	HP Wide Vision 1080p FHD IR privacy camera with integrated dual array digital microphones
Video connectors	1 VGA; 1 HDMI v1.4
Ports	1 SuperSpeed USB Type-A 5Gbps signaling rate
Expansion slots	2 M.2 (1 for SSD, 1 for WLAN)
Ports	2 SuperSpeed USB Type-A 5Gbps signaling rate; 2 USB 2.0 Type-A; 1 HDMI-out 1.4; 1 headphone/microphone combo; 1 RJ-45
Package dimensions (W x D x H)	64.1 x 25.1 x 51 cm
Package weight	11 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo[10]
Power supply type	65 W Smart AC power adapter
Special features	Tilt: -5° forward to 20° back; Base stand

Security management	Kensington MicroSaver lock slot
Pre-installed software	Alexa; ExpressVPN (30 day free trial)
Software included	McAfee LiveSafe™
Software - Productivity & finance	1 month trial for new Microsoft 365 customers[24]
Cloud service	25 GB Dropbox storage for 12 months[1]
UPC number	196188128954
Manufacturer Warranty	1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Additional specifications

Additional information about HP	http://www.hp.com
Camera Infrared	IR
Camera brand	HP Wide Vision
Camera resolution (vertical)	1080p
Camera resolution standard	FHD
Color gamut	72% NTSC
Datasheet photo 1	AHID/4383b9b6f025b95dc5d9d63cf608c84304b4a760
Datasheet photo 2	AHID/e55b6dbc61b6c84f0051bb92f3bfb23f7de1d89a
Datasheet photo 3	AHID/0f96ca8da610b01a601eced87389e553d1cc02c6
Datasheet photo 4	AHID/b1a604e5ee9c70b132347f5f84f404b98434ebe4
Datasheet photo 5	Publication logos/pc-carepack-logo.jpg
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	anti-glare
ECC memory	non-ECC
HP apps	HP Audio Switch; HP Support Assistant
I/O Port location	Rear
I/O Port location	Side
Keyboard connectivity	wireless
Keyboard interface	USB
MDA key selling point	Windows 10 Home or other operating systems available
Memory and storage	8 GB memory; 256 GB SSD storage
Memory layout (slots & size)	1 x 8 GB
Memory module type	SODIMM
Memory size	8

Memory size uom	GB
Memory speed	3200
Memory speed uom	MHz
Memory type	DDR4
Number of memory slots	1
Processor Brand	AMD
Processor base frequency	2.3
Processor base frequency uom	GHz
Processor cache	8 MB L3
Processor core	6
Processor family	Ryzen™ 5
Processor maximum frequency	4.0
Processor maximum frequency uom	GHz
Processor model	4500U
Processor threads	6
Product brand name	HP
Product language options	#ABD
Product long name specifications	HP All-in-One 24-dp0803ng Bundle PC, 23.8", Windows 10 Home 64 – free upgrade to Windows 11 when available, AMD Ryzen™ 5, 8GB RAM, 256GB SSD, FHD
Screen-to-body Ratio (with speakers) footnote number	[5]
Screen-to-body ratio (with speakers)	84.9%
Storage capacity 01	256
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
Technology logo, print 6	Publication logos/mcafee_logo_with_tag_new.jpg
UNSPSC code	43211507
Wireless antenna	2x2
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Realtek

[1] 25 GB of free Dropbox storage 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.

[10] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11ac) is backwards compatible with prior Wi-Fi 5 specs.

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

[38] 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com

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Accessories

Audio/Multimedia and Communication Devices

★ : Recommended

Headsets

HP Earbuds Black Headset 150	**X7B04AA ★**	
HP Stereo Headset H2800 (Black w. Silk Gold)	**2AP94AA ★**	
HP Bluetooth Headset 500	2J875AA	
HP In-Ear Headset 150 (Marine Blue)	2AP91AA	
HP Pavilion Gaming Headset 400	4BX31AA	
HP Pavilion Gaming Headset 600	4BX33AA	
HP X1000 Wireless Gaming Headset	7HC42AA	
HP X1000 Wireless Gaming Headset	7HC43AA	
OMEN by HP Mindframe Prime Headset	6MF35AA	obsolete
OMEN by HP Mindframe Prime Headset	6MF36AA	obsolete

Speakers

HP Black Bluetooth Speaker 360	2D799AA	
HP Gaming Speakers X1000	8PB07AA	
HP Silver Bluetooth Speaker 350	2D804AA	

Headphones

HP Wireless Earbuds G2	169H9AA	
OMEN Dyad Earbuds	8JE67AA	

Keyboards/Mice and Input Devices

Mice

HP Pavilion Gaming Mouse Pad 300	**4PZ84AA ★**	
HP Pavilion Gaming Mouse Pad 400	**5JH72AA ★**	
HP Wireless Mouse 220	**3FV66AA ★**	
HP Dual Mode Black Mouse 300	**6CR71AA ★**	
HP Wireless Mouse 200	**X6W31AA ★**	
HP 150 Wired Mouse	240J6AA	
HP 280 Silent Wireless Mouse	19U64AA	
HP 930 Creator Wireless Mouse	1D0K9AA	

HP Bluetooth Travel Mouse	6SP25AA
HP Bluetooth® Mouse Z5000	2HW67AA
HP Bluetooth® Mouse Z5000	E5C13AA
HP ENVY Rechargeable Mouse 500	2LX92AA
HP Elite Presenter Mouse	3YF38AA
HP Pavilion Gaming Mouse 200	5JS07AA
HP Pavilion Gaming Mouse 300	4PH30AA
HP Spectre Rechargeable Mouse 700 (Luxe Cooper)	3NZ70AA
HP Spectre Rechargeable Mouse 700 (Turbo Silver)	3NZ71AA
HP Wired Mouse 100	6VY96AA
HP Wireless Mouse 200 (Empress Red)	2HU82AA
HP Wireless Mouse 200 (Pike Silver)	2HU84AA
HP Wireless Mouse 200 (Silk Gold)	2HU83AA
HP Wireless Mouse 220 (Lumiere Blue)	7KX11AA
HP Wireless Mouse 220 (Snow White)	7KX12AA
HP Wireless Mouse 220 (Sunset Red)	7KX10AA
HP Wireless Mouse 250	3FV67AA
HP Wireless Mouse X200	6VY95AA
HP Wireless Mouse Z3700	7UH88AA
HP Wireless Mouse Z3700 - White/Pink	4VY82AA
HP Wireless Mouse Z4000	H5N61AA
HP X220 Backlit Gaming Mouse	8DX48AA
HP X4500 Wireless (Black) Mouse	H2W16AA
HP X500 Wired Mouse	E5E76AA
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 Silver Wireless Mouse	X7Q44AA
HP Z3700 White Wireless Mouse	V0L80AA
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 Photon Wireless Mouse	6CL96AA	
OMEN by HP Reactor Mouse	2VP02AA	

Keyboard and Mouse Kits

HP Pavilion Wireless Keyboard and Mouse 800 (Black)	**4CE99AA ★**	
HP Pavilion Keyboard and Mouse 200	**9DF28AA ★**	
HP Wired Keyboard and Mouse 160	**6HD76AA ★**	
HP 150 Wired Mouse and Keyboard	240J7AA	
HP 230 Wireless Mouse and Keyboard Combo	18H24AA	
HP Pavilion Wired Keyboard and Mouse 400	4CE97AA	
HP Pavilion Wireless Keyboard and Mouse 800	4CF00AA	
HP Wireless Keyboard and Mouse 300	3ML04AA	

Keyboards

HP Dual Mode Keyboard 1000	18J71AA	
HP K2500 Wireless Keyboard	E5E78AA	obsolete
HP Keyboard 100	2UN30AA	
HP Pavilion Gaming Keyboard 550	9LY71AA	
HP Pavilion Gaming Keyboard 800	5JS06AA	
HP Pavilion Wired Keyboard 300	4CE96AA	
HP Pavilion Wireless Keyboard 600 Black	4CE98AA	
HP Pavilion Wireless Keyboard 600 White	4CF02AA	
OMEN Spacer Wireless TKL Keyboard	9BU31AA	
OMEN by HP Encoder Keyboard	6YW75AA	
OMEN by HP Encoder Keyboard	6YW76AA	
OMEN by HP Sequencer Keyboard	2VN99AA	

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter	X1B84AA	

PC Drives and Storage

PC DVD+RW Drives

HP USB External DVDRW Drive	F6V97AA	

Monitors

HP Home Monitors

★ : Recommended

HP Value Displays

HP 22f Display	2XN58AA	
HP 22fw Display	3KS60AA	
HP 22m Display	3WL44AA	
HP 24f Display	2XN60AA	
HP 24fh Display	4HZ37AA	obsolete
HP 24fh Display	5JB78AA	obsolete
HP 24fw 24-inch Display	5VU10AA	
HP 24fw 24-inch Display	6NB66AA	
HP 24fw Display	3KS62AA	
HP 24fw with Audio Display	4TB29AA	
HP 24m Display	3WL46AA	
HP 24mq Display	1F2J8AA	
HP 27f 27-inch 4K Display	5ZP65AA	obsolete
HP 27fh Display	4HZ38AA	obsolete
HP 27fh Display	5JB79AA	obsolete
HP 27fw 27-inch Display	3MP91AA	
HP 27fw 27-inch Display	6NB70AA	
HP 27fw Display	3KS64AA	
HP 27fw with Audio Display	4TB31AA	
HP 27m Display	3WL48AA	
HP 27mq Display	1F2J9AA	
HP 32f Display	6XJ00AA	obsolete
HP V28 4K Monitor	8WH58AA	
HP V28 4K Monitor	8WH58AS	
HP X24c Gaming Monitor	9FM22AA	
HP X24c Gaming Monitor	9FM22AS	

HP Home LCD Monitors

HP U27 4K Wireless Monitor	9TQ13AA	
HP U27 4K Wireless Monitor	9TQ13AS	
HP U28 4K HDR Monitor	1Z980AA	

HP V20 HD+ Monitor	1H850AA	
HP V20 HD+ Monitor	1H850AS	
HP V22 FHD Monitor	9SV80AA	
HP V22 FHD Monitor	9SV80AS	
HP V22e FHD Monitor	28N41AA	
HP V24 FHD Monitor	9SV73AA	
HP V24 FHD Monitor	9WF30AA	
HP V24 FHD Monitor	9WF31AA	
HP V24e FHD Monitor	28N17AA	
HP V24i FHD Monitor	9RV17AA	
HP V24i FHD Monitor	9RV17AS	
HP V27e FHD Monitor	28N20AA	
HP V27i FHD Monitor	1K3W7AA	
HP V27i FHD Monitor	9SV94AA	
HP V27i FHD Monitor	9SV94AS	
HP X24ih Gaming Monitor	2W925AA	

OMEN by HP Displays

OMEN 27i IPS 165Hz 2k Gaming Monitor	8AC94AA	
OMEN X 25f 240Hz Gaming Display with Adaptive Sync	4WH47AA	
OMEN X 27 HDR QHD 240Hz Gaming Monitor	6FN07AA	obsolete

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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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.

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