HP All-in-One 24-cr0232la PC (BA1V4LA)



Overview

Designed with measurable sustainability features

This slim, HP 23.8" All-in-One Desktop PC empowers you to do more while using less. Thoughtfully designed using post-consumer recycled and ocean-bound plastics[1]. With a powerful processor, upgraded memory and enhanced multitasking features, there's no compromise for heightened performance.

Designed with purpose

World's first PC with recycled coffee grounds[3], and contains post-consumer recycled and ocean-bound plastics[1].

Ready to take on the day, every day

Face the day with a dependable AMD Processor[5], ample storage, fast connections, and plenty of memory.

Built to keep you connected to your crew

Made for true collaboration with a tiltable, pop-up privacy camera[4], dual mics, and advanced noise-reduction.

Features

Windows 11

Get a fresh perspective

From a rejuvenated Start menu, to new ways to connect to your favorite people, news, games, and content—Windows 11 is the place to think, express, and create in a natural way.[2]

AMD Ryzen™ 7000 Series Processors

Experience a whole new level of speed and power in a PC powered by AMD Ryzen™ processors. Accelerate your work and your creativity with blazing fast speed. Explore true freedom and flexibility.[5]

AMD Radeon™ graphics

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

IPS

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.[6]

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.

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.[7]

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[1] With 40% post-consumer recycled plastic. Percentage of post-consumer recycled plastic, and ocean-bound plastic varies by product.

[3] HP internal analysis based on all PCs in the market as of November 2022. Recycled coffee grounds are used as speckles in the finish of the PC.

[4] Features may require software or other 3rd party applications to provide the described functionality.

[5] 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.

[2] 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.

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

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

Specifications

Form Factor	All-in-One
Operating System Software	Windows 11 Home Single Language
Product Color Description (fixed)	Shell white
Processor Family	AMD Ryzen™ 3 processor
Processor Name	AMD Ryzen™ 3 7320U (up to 4.1 GHz max boost clock, 4 MB L3 cache, 4 cores, 8 threads)[6,7]
Standard Memory Description 01	8 GB LPDDR5-5500 MT/s (onboard)
Hard Drive Description (01)	512 GB PCIe® NVMe™ M.2 SSD
Product Design	Textured finish
Graphics Card Segment 01	Integrated
GScardseg 01 Available Card 01	AMD Radeon™ Graphics
Display Description (metric)	60.5 cm (23.8") diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 250 nits, 99% sRGB
Display Description	23.8" diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 250 nits, 99% sRGB
Audio Features	Dual 2 W speakers
Product Dimensions W x D x H (metric)	54.05 x 18.62 x 40.9 cm
Product Dimensions W x D x H (imperial)	21.28 x 7.33 x 16.11 in
Weight (metric)	5.27 kg
Weight (imperial)	11.61 lb
Keyboard	HP 510SP White Wireless Keyboard and Mouse Combo
Camera	HP True Vision 1080p FHD IR tilt privacy camera with temporal noise reduction and integrated dual array digital microphones
Video Connectors	1 HDMI-out 1.4
External I/O Ports	1 USB Type-C® 5Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate; 2 USB 2.0 Type-A; 1 headphone/microphone combo; 1 RJ-45
Expansion Slots	2 M.2 (1 for SSD, 1 for WLAN)
Package Dimensions W x D x H (metric)	64 x 17.5 x 46 cm
Package Weight (metric)	9.6 kg
Network Interface	Integrated 10/100/1000 GbE LAN
Wireless Technologies	Realtek Wi-Fi 6 (1x1) and Bluetooth® 5.3 wireless card[13]
Power Supply Type	90 W Smart AC power adapter
Sustainability Specifications	Ocean-bound plastic; At least 10% recycled metal; At least 40% post-consumer recycled plastic

Software Included	McAfee Online Protection 30-day trial
Software - Productivity & Finance	1 month trial for new Microsoft 365 customers[24]
Cloud Service	100 GB Dropbox storage for 3 months[1]
UPC Number	198990788548

Additional specifications

Bluetooth Version	Bluetooth® 5.3
Camera Brand	HP True Vision
Camera Infrared	IR
Camera Microphone	integrated dual array digital microphones
Camera Resolution (Vertical)	1080p
Camera Resolution Standard	FHD
Color	Shell white
Display Bezel	Micro-edge
Display Brightness	250
Display Brightness UOM	nits
Display Color Gamut	99% sRGB
Display Description Short	23.8" diagonal FHD display
Display Description Short (metric)	60.5 cm (23.8") diagonal FHD display
Display Panel Technology	IPS
Display Resolution (Pixels)	1920 x 1080
Display Resolution Standard	FHD
Display Size (Diagonal)	23.8
Display Size (Diagonal) UOM	"
Display Size (Diagonal, Metric)	60.5
Display Size (Diagonal, Metric) UOM	cm
Display Surface Treatment	Anti-glare
Ethernet (RJ-45)	1
Flicker-Free	Yes[45]
HDMI out – version	1.4
HDMI –out	1
Headphone/microphone combo	1
I/O Port Location 01	Rear
Keyboard Color	White
Keyboard Connectivity	Wireless
Memory Layout (Slots & Size)	onboard
Memory Size	8
Memory Size UOM	GB

Memory Slots Number	1
Memory Speed	5500
Memory Speed UOM	MT/s
Memory Storage Simplified	8 GB memory;512 GB SSD storage
Memory Type	LPDDR5
Package Dimensions W x D x H (imperial)	25.2 x 6.89 x 18.11 in
Package Weight (imperial)	21.12 lb
Processor Brand	AMD
Processor Cache Installed	4 MB L3
Processor Core	4
Processor Family (Short)	Ryzen™ 3
Processor Maximum Frequency	4.1
Processor Maximum Frequency UOM	GHz
Processor Model	7320U
Processor Threads	8
Product Brand Name	HP
Product Long Name Specifications	HP All-in-One 24-cr0232la PC, Windows 11 Home Single Language, 23.8", AMD Ryzen™ 3, 8GB RAM, 512GB SSD, FHD, Shell white
Product Long Name Specifications V2	Windows 11 Home Single Language, 23.8", AMD Ryzen™ 3, 8GB RAM, 512GB SSD, FHD, Shell white
Product Short Name Specifications	HP All-in-One 24-cr0232la PC, 23.8", AMD Ryzen™ 3, 8GB RAM, 512GB SSD
Screen-To-Body Ratio (without speakers)	98.16%[4]
Screen-To-body Ratio (with speakers)	89.39%
Screen-to-body Ratio (with speakers) Footnote Number	[5]
Stand Color	Shell white
Stand Type	Entry
Storage Capacity 01	512
Storage Capacity UOM 01	GB
Storage Form Factor 01	M.2
Storage Interface 01	PCIe®
Storage Interface Protocol 01	NVMe™
Storage Type 01	SSD
Storage type (filter)	SSD

Touchscreen	No
UNSPSC Code	43211507
USB Type-A	4
USB Type-C	1
Wireless Antenna	1x1
Wireless Standard	Wi-Fi 6
Wireless Supplier	Realtek

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[1] 100 GB of free Dropbox storage for 3 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.

[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. 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.

[13] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other Wi-Fi 6 devices. Only available in countries where 802.11ax is supported.

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

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

Accessories for PC

Video Devices

★ : Recommended

Video Devices

HP 320 FHD Webcam	53X26AA

Mice/Pens/Other Pointing Devices

Wireless Mice

HP 430 Multi-Device Wireless Mouse	3B4Q2AA

Keyboards/Other Input Devices

Wireless Combo

HP 650 Wireless Keyboard and Mouse Combo	4R013AA

Port Replicators/Dongles/Docking

Port Replicators

HP Travel USB-C Multi Port Hub	1C1Y5AA

Monitors

Business Monitors

★ : Recommended

E-Series

HP E22 G5 FHD Monitor	6N4E8AA
HP E22 G5 FHD Monitor	6N4E8AS
HP E22 G5 FHD Monitor	6N4E8E9
HP E24mv G4 FHD Conferencing Monitor	169L0AA
HP E24mv G4 FHD Conferencing Monitor	169L0AS
HP E24mv G4 FHD Conferencing Monitor	169L0E9
HP E24t G5 FHD Touch Monitor	6N6E6AA
HP E24t G5 FHD Touch Monitor	6N6E6AS
HP E24t G5 FHD Touch Monitor	6N6E6E9
HP E27 G5 FHD Monitor	6N4E2AA
HP E27 G5 FHD Monitor	6N4E2AL
HP E27k G5 4K USB-C Monitor	6N4C4AA
HP E27k G5 4K USB-C Monitor	6N4C4AS
HP E27k G5 4K USB-C Monitor	6N4C4E9
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AA
HP E32k G5 4K USB-C Monitor	6N4D6AA
HP E32k G5 4K USB-C Monitor	6N4D6AS
HP E32k G5 4K USB-C Monitor	6N4D6E9
HP E32k G5 4K USB-C PVC Free Monitor	6N4D6A5
HP E45c G5 DQHD Curved Monitor	6N4C1AA

Business LCD Monitors

HP P204v 19.5-inch Monitor	5RD66A7
HP P204v 19.5-inch Monitor	5RD66AA

P-Series

HP P22a G5 FHD Monitor - P22a	8D5J1AA
HP P22h G5 FHD Monitor	64W30AA
HP P24a G5 FHD Monitor - P24a	8D5J5AA
HP P34hc G4 WQHD USB-C Curved Monitor	21Y56A7
HP P34hc G4 WQHD USB-C Curved Monitor	21Y56AA

HP P34hc G4 WQHD USB-C Curved Monitor	21Y56AS

Series 3 Pro

HP Series 3 Pro 21.45 inch FHD Monitor - 322pv	9U5A2A6
HP Series 3 Pro 21.45 inch FHD Monitor - 322pv	9U5A2AA
HP Series 3 Pro 21.45 inch FHD Monitor - 322pv	9U5A2AS
HP Series 3 Pro 21.5 inch FHD Monitor - 322pf	9U5B0AF
HP Series 3 Pro 21.5 inch FHD Monitor - 322pf	9U5B0AS
HP Series 3 Pro 21.5 inch FHD Monitor - 322pf	9U5B0UT
HP Series 3 Pro 23.8 inch FHD Monitor - 324pf	9U5J5AF
HP Series 3 Pro 23.8 inch FHD Monitor - 324pf	9U5J5AS
HP Series 3 Pro 23.8 inch FHD Monitor - 324pf	9U5J5UT
HP Series 3 Pro 23.8 inch FHD Monitor - 324pv	9U5C1A6
HP Series 3 Pro 23.8 inch FHD Monitor - 324pv	9U5C1AA
HP Series 3 Pro 23.8 inch FHD Monitor - 324pv	9U5C1AS

Series 5 Pro

HP Series 5 Pro 23.8 inch FHD Monitor - 524pf	9D9L6AL
HP Series 5 Pro 23.8 inch FHD Monitor - 524pf	9D9L6UT
HP Series 5 Pro 23.8 inch FHD Monitor - 524pf PVC Free	9D9L6A5
HP Series 5 Pro 23.8 inch FHD No Stand Monitor - 524pf	9D9L6A9
HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu	9D9V7AA
HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu	9D9V7AS
HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu	9D9V7E9
HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu PVC Free	9D9V7A5
HP Series 5 Pro 24 inch WUXGA Monitor - 524pn	9D9A7AA
HP Series 5 Pro 24 inch WUXGA Monitor - 524pn PVC Free	9D9A7A5
HP Series 5 Pro 27 inch QHD Monitor - 527pq	9D9S0UT
HP Series 5 Pro 27 inch QHD Monitor - 527pq PVC Free	9D9S0A5
HP Series 5 Pro 27 inch QHD No Stand Monitor - 527pq	9D9S0A9
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu	9E0G5AA
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu	9E0G5AS
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu	9E0G5E9
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu PVC Free	9E0G5A5

Series 7 Pro

HP Series 7 Pro 23.8 inch FHD Monitor - 724pf	8X530AA
HP Series 7 Pro 23.8 inch FHD Monitor - 724pf	8X530E9
HP Series 7 Pro 23.8 inch FHD Monitor - 724pf PVC Free	8X530A5
HP Series 7 Pro 24 inch WUXGA Monitor - 724pn	8X534AA
HP Series 7 Pro 24 inch WUXGA Monitor - 724pn	8X534E9
HP Series 7 Pro 24 inch WUXGA Monitor - 724pn PVC Free	8X534A5
HP Series 7 Pro 24 inch WUXGA USB-C Monitor - 724pu	8Y2F7AA
HP Series 7 Pro 24 inch WUXGA USB-C Monitor - 724pu	8Y2F7E9
HP Series 7 Pro 24 inch WUXGA USB-C Monitor - 724pu PVC Free	8Y2F7A5
HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm	8K135AA
HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm	8K135E9
HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm PVC Free	8K135A5
HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk	8J9G2AA
HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk	8J9G2E9
HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk PVC Free	8J9G2A5
HP Series 7 Pro 27 inch QHD Monitor - 727pq	8J4D8E9
HP Series 7 Pro 27 inch QHD Monitor - 727pq	8J4D8UT
HP Series 7 Pro 27 inch QHD Monitor - 727pq PVC Free	8J4D8A5
HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu	8J9E6E9
HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu	8J9E6UT
HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu PVC Free	8J9E6A5
HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk	8Y2K9AA
HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk	8Y2K9E9
HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk PVC Free	8Y2K9A5
HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm	8K157E9
HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm	8K157UT
HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm PVC Free	8K157A5
HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu	8K167AA
HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu	8K167E9
HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu PVC Free	8K167A5
HP Series 7 Pro 39.7 inch 5K2K Conferencing Monitor - 740pm PVC Free	8Y2R2A5
HP Series 7 Pro 39.7 inch 5K2K Conferencing Monitor-740pm	8Y2R2AA
HP Series 7 Pro 39.7 inch 5K2K Conferencing Monitor-740pm	8Y2R2E9

HP Home Monitors

HP Value Displays

HP M22f FHD Monitor	2E2Y3A6

Series 3

HP Series 3 27 inch FHD Monitor - 327se	B7HS7AA

Series 5

HP Series 5 27 inch FHD Monitor with Speakers - 527sa	94F49A6
HP Series 5 27 inch FHD White Monitor - 527sw	94F47AA
HP Series 5 31.5 inch FHD Monitor - 532sf	94F50AA
HP Series 5 31.5 inch FHD Monitor - 532sf	94F51A6

OMEN by HP Displays

OMEN Transcend 31.5 inch UHD 240Hz OLED Gaming Monitor - OMEN Transcend 32	9R181AA
OMEN by HP 23.8 inch FHD 165Hz Gaming Monitor - OMEN 24	780F0A6
OMEN by HP 27 inch QHD 240Hz Gaming Monitor - OMEN 27qs	780J4AA
OMEN by HP 27 inch UHD 144Hz Gaming Monitor - OMEN 27k	780G8AA
OMEN by HP 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c	780K6AS
OMEN by HP 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c	780K7A6

HyperX Gaming Peripherals

HyperX Microphones

★ : Recommended

HyperX USB/XLR Microphones

HyperX FlipCast - USB/XLR Dynamic Microphone (Black)	B2CM1AA

Hybrid Work Solutions

Audio

★ : Recommended

Wired Headset

Poly Blackwire 3220 Stereo USB-C Headset +USB-C/A Adapter	93S87AA
Poly Blackwire 3220 USB-C Headset USB-C/A Adapter	B7SL7AA
Poly Blackwire 5220 Headset +3.5mm Plug USB-C/A Adapter	B7SL8AA
Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	93S88AA

Speakerphones

Poly Sync 10 Speakerphone +USB-A to C Cable	B7SM0AA
Poly Sync 10 Speakerphone +USB-A to USB-C Cable	7S4M6AA

Wireless Headset

Poly Voyager 4310-M Headset UC	B7SL4AA
Poly Voyager 4310-M UC Headset +USB-C Cable +BT700 dongle	7Y210AA
Poly Voyager 4320-M Headset +USB-C Cable +BT700 dongle	7Y211AA
Poly Voyager 4320-M Headset UC	B7SL5AA
Poly Voyager Focus 2 USB-C-C Headset USB-C/A Adapter Charging Stand Customer Special 1	A58JDAA
Poly Voyager Focus 2 USB-C-C Headset USB-C/A Adapter Customer Special 1	A58JCAA
Poly Voyager Focus 2-M USB-C-C Headset USB-C/A Adapter Charging Stand	A4HT2AA
Poly Voyager Focus 2-M USB-C-C Headset USB-C/A Adapter Charging Stand Customer Special 1	A4HT5AA
Poly Voyager Focus 2-M USB-C-C Headset USB-C/A Adapter Customer Special 1	A4HT0AA
Poly Voyager Legend 30 Headset	AV4P5AA
Poly Voyager Legend 30 Headset Customer Special 1	AV4P6AA
Poly Voyager Legend 50 Headset	AV4P1AA
Poly Voyager Legend 50 Headset Customer Special 1	AV4N9AA
Poly Voyager Legend 50-M Headset UC	AV4P2AA
Poly Voyager Legend 50-M Headset UC Customer Special 1	AV4P0AA
Poly Voyager Surround 80 UC Microsoft Teams Certified USB-C Black Headset +USB-C/A Adapter	9D452AA
Poly Voyager Surround 80 UC Microsoft Teams Certified USB-C Headset +USB-C/A Adapter	8H2G3AA

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