



# HP All-in-One - 22-dd0022la (7WS37AA)



## Overview

### More than a tower

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



### Built for tomorrow

Looking for a powerful All-in-One PC that can easily grow with you? Keeping technology up-to-date has never been simpler. Designed with a panel you can remove in three simple steps, easily upgrade<sup>[1]</sup> your hardware to ensure you always have the power to get things done.



### 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<sup>[2]</sup> to ensure you're getting a powerful, reliable PC that's going to last.



### A powerful PC

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

Conveniently placed ports help keep cords out of the way, so your space feels clean and uncluttered. 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.

## Features



### Windows 10

Do great things confidently with the familiar feel of Windows - only better.<sup>[3]</sup>



### Hard drive storage

Don't worry about growing your collection of digital movies, songs, and pictures. With massive storage options you can save it all, and still have plenty of room left over.<sup>[5]</sup>



### Full HD display

Sit back and enjoy crystal-clear visuals and images with the vibrant quality of 2 million pixels. The 1920 x 1080 resolution gives all your digital content a new dimension.<sup>[6]</sup>



### 2nd Generation AMD Ryzen™ 5 Desktop Processor

Uplift your performance and play with 2nd Generation AMD Ryzen Processors. Combined with Vega graphics, take on high frequency 1080p gaming, while multitasking seamlessly for your everyday tasks.<sup>[4]</sup>



### 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.



### 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.

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

[2] 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.

[3] 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>.

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

[5] For hard drives, TB = 1 trillion bytes. Actual formatted capacity is less.

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

## Specifications

Form factor	All-in-One
Operating system	Windows 10 Home 64
Product color	Jet black
Processor family	AMD Ryzen™ 5 processor
Processor	AMD Ryzen™ 5 3500U (2.1 GHz base clock, up to 3.7 GHz max boost clock, 4 MB L3 cache, 4 cores) <sup>[6,7]</sup>
Memory	4 GB DDR4-2400 SDRAM (1 x 4 GB)
Memory Slots	2 SODIMM
Internal Storage	1 TB 7200 rpm SATA HDD
Memory card device	HP 3-in-1 memory card reader
Optical drive	Optical drive not included
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Vega 8 Graphics
Display	54.6 cm (21.5") diagonal, FHD (1920 x 1080), VA, three-sided micro-edge, anti-glare, 250 nits, 72% NTSC
Display	21.5" diagonal, FHD (1920 x 1080), VA, three-sided micro-edge, anti-glare, 250 nits, 72% NTSC
Audio features	Dual 2 W speakers
Minimum dimensions (W x D x H)	49.03 x 20.45 x 38.07 cm
Minimum dimensions (W x D x H)	19.3 x 8.05 x 14.99 in
Weight	5.7 kg
Weight	12.56 lb
Keyboard	USB black wired keyboard
Pointing device	HP wired black mouse
Webcam	HP Webcam with integrated dual array digital microphone
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
Expansion slots	2 M.2 (1 for SSD, 1 for WLAN)
Package dimensions (W x D x H)	59.3 x 24.3 x 47.8 cm
Package weight	8.7 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	Realtek RTL8821CE 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 combo
Power supply type	65 W Smart AC power adapter
Security management	Kensington MicroSaver lock slot

<b>Pre-installed software</b>	Netflix
<b>Software included</b>	McAfee LiveSafe™
<b>Software - Productivity &amp; finance</b>	1 month trial for new Microsoft 365 customers <sup>[24]</sup>
<b>Cloud service</b>	Dropbox <sup>[1]</sup>
<b>UPC number</b>	194850273100

## Additional specifications

Bluetooth version	Bluetooth® 4.2
Color gamut	72% NTSC
Display	21.5" diagonal FHD display
Display	54.6 cm (21.5") diagonal FHD display
Display bezel	three-sided micro-edge
Display brightness	250
Display brightness uom	nits
Display panel technology	VA
Display resolution (pixels)	1920 x 1080
Display resolution standard	FHD
Display size (diagonal) uom	"
Display size (diagonal, imperial)	21.5
Display size (diagonal, metric)	54.6
Display size (diagonal, metric) uom	cm
Display surface treatment	anti-glare
ECC memory	No
I/O Port location	Rear
MDA key selling point	Windows 10 Home or other operating systems available
Memory and storage	4 GB memory; 1 TB HDD storage
Memory layout (slots & size)	1 x 4 GB
Memory module type	DIMM
Memory size	4
Memory size uom	GB
Memory speed	2400
Memory speed uom	MHz
Memory type	DDR4
Number of memory slots	1
Package dimensions (W x D x H)	23.35 x 9.57 x 18.82 in
Package weight	19.2 lb
Processor Brand	AMD
Processor base frequency	2.1
Processor base frequency uom	GHz
Processor cache	4 MB L3

Processor core	4
Processor family	Ryzen™ 5
Processor maximum frequency	3.7
Processor maximum frequency uom	GHz
Processor model	3500U
Processor threads	8
Product brand name	HP
Storage capacity 01	1
Storage capacity uom 01	TB
Storage interface 01	SATA
Storage speed 01	7200
Storage speed uom 01	rpm
Storage type	HDD
Storage type 01	HDD
Wireless Model	RTL8821CE
Wireless antenna	1x1
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Realtek

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[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.

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## Audio/Multimedia and Communication Devices

★ : Recommended

### Headsets

HP Earbuds Black Headset 150	X7B04AA ★
HP Bluetooth Headset 400	2ZW81AA
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 Headset 150	2AP91AA
HP Pavilion Gaming Headset 400	4BX31AA
HP Pavilion Gaming Headset 600	4BX33AA
HP Stereo Headset H2800	2AP94AA
HP Stereo Headset H2800	2AP95AA
HP X1000 Wireless Gaming Headset	7HC42AA
HP X1000 Wireless Gaming Headset	7HC43AA
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

### Speakers

HP Black Bluetooth Speaker 360	2D799AA
HP Blue Bluetooth Speaker 360	2D800AA
HP Gaming Speakers X1000	8PB07AA
HP Silver Bluetooth Speaker 350	2D804AA
HP Silver Bluetooth Speaker 360	2D801AA

### Headphones

HP Wireless Earbuds G2	169H9AA
OMEN Dyad Earbuds	8JE67AA

## Keyboards/Mice and Input Devices

### Keyboard and Mouse Kits

HP Pavilion Wireless Keyboard and Mouse 800	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 C2500 Desktop	H3C53AA	obsolete
HP C2500 Desktop	J8F15AA	
HP C2600 Keyboard and Mouse Combo	J2X04AA	obsolete
HP C2710 Combo Keyboard	M7P30AA	
HP C6020 Wireless Desktop	P1F56AA	
HP Pavilion Wired Keyboard and Mouse 400	4CE97AA	
HP Pavilion Wireless Keyboard and Mouse 800	4CF00AA	
HP Wireless Classic v2 Desktop	V4L73AA	obsolete
HP Wireless Elite v2 Desktop Keyboard (USB Wireless Nano Receiver with Mouse)	QB355AA	obsolete
HP Wireless Keyboard and Mouse 250	6JU16AA	
HP Wireless Keyboard and Mouse 300	3ML04AA	

## Mice

HP Wireless Mouse 220	258A1AA ★	
HP Wireless Mouse 220	3FV66AA ★	
HP Wireless Mouse 200	X6W31AA ★	
HP 150 Wired Mouse	240J6AA	
HP 150 Wireless Mouse	2S9L1AA	
HP Bluetooth Travel Mouse	6SP25AA	
HP Bluetooth® Mouse 250	6CR73AA	
HP Bluetooth® Mouse Z5000	2HW67AA	
HP Dual Mode Mouse	6CR71AA	
HP ENVY Rechargeable Mouse 500	2LX92AA	
HP Elite Presenter Mouse	3YF38AA	
HP Pavilion Gaming Mouse 200	5JS07AA	
HP Pavilion Gaming Mouse 300	4PH30AA	
HP Pavilion Gaming Mouse 300	4PH31AA	
HP Silver 930 Creator Wireless Mouse	1D0K9AA	
HP Spectre Rechargeable Mouse 700	3NZ70AA	
HP Spectre Rechargeable Mouse 700	3NZ71AA	



HP Spectre Rechargeable Mouse 700	4YH34AA	
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 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 250	3FV67AA	
HP Wireless Mouse X200	6VY95AA	
HP Wireless Mouse Z3700	4VY82AA	
HP Wireless Mouse Z3700	7UH87AA	
HP Wireless Mouse Z3700	7UH88AA	
HP Wireless Mouse Z4000	H5N61AA	
HP Wireless Silent 280M Mouse	19U64AA	
HP X1000 Mouse	H2C21AA	
HP X1500 Mouse	H4K66AA	
HP X220 Backlit Gaming Mouse	8DX48AA	
HP X3000 G2 Wireless Mouse	28Y30AA	
HP X3000 G2 Wireless Mouse	2C3M3AA	
HP X3000 Wireless Mouse	H2C22AA	
HP X4500 Wireless (Black) Mouse	H2W16AA	
HP X500 Wired Mouse	E5C12AA	
HP X500 Wired Mouse	E5E76AA	
HP Z3200 Black Wireless Mouse	J0E44AA	obsolete
HP Z3200 White Wireless Mouse	E5J19AA	obsolete
HP Z3700 Black Wireless Mouse	26V63AA	
HP Z3700 Black Wireless Mouse	V0L79AA	
HP Z3700 Blue Wireless Mouse	V0L81AA	
HP Z3700 Camo Wireless Mouse	171D7AA	
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 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 600	1KF75AA	
OMEN by HP Photon Wireless Mouse	6CL96AA	
OMEN by HP Reactor Mouse	2VP02AA	

## Keyboards

HP Dual Mode Keyboard 1000	18J71AA	
HP K1500 Keyboard	H3C52AA	obsolete
HP K2500 Wireless Keyboard	E5E78AA	
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	4CE98AA	
HP Pavilion Wireless Keyboard 600	4CF02AA	
HP Wireless Elite v2 Keyboard	QB467AA	obsolete
OMEN Spacer Wireless TKL Keyboard	9BU31AA	
OMEN by HP Encoder Keyboard	6YW75AA	
OMEN by HP Encoder Keyboard	6YW76AA	
OMEN by HP Sequencer Keyboard	2VN99AA	

## Batteries/Chargers/Adapters

### AC Adapters

HP 65W 7.4 mm non-EM AC Adapter	Z8T80AA	
HP 65W 7.4mm Non-EM AC Adapter	Y5Y42AA	
HP 65W Slim with USB AC Adapter	G6H47AA	

## 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 22-inch Display	2XN58AA
HP 22f 22-inch Display	3AJ92AA
HP 22fw 22-inch Display	3KS60AA
HP 22fw 22-inch Display	3KS61AA
HP 22m 21.5-inch Display	3WL44AA
HP 22m 21.5-inch Display	3WL45AA
HP 22x 21.5-inch Gaming Display	6ML40AA
HP 23f 23-inch Display	2XN59AA
HP 23f 23-inch Display	3AK97AA
HP 24f 24-inch Display	2XN60AA
HP 24f 24-inch Display	3AL28AA
HP 24f 24-inch Display	9TH23AA
HP 24fh 23.8-inch Display	4HZ37AA
HP 24fh 23.8-inch Display	5JB78AA
HP 24fh 23.8-inch Display	7LL28AA
HP 24fw 24-inch Display	3KS62AA
HP 24fw 24-inch Display	3KS63AA
HP 24fw 24-inch Display	5VU10AA
HP 24fw 24-inch Display	6NB66AA
HP 24fw with Audio 24-inch Display	4TB29AA
HP 24fw with Audio 24-inch Display	4TB30AA
HP 24m 23.8-inch Display	3WL46AA
HP 24m 23.8-inch Display	3WL47AA
HP 24m 23.8-inch Display	5SQ52AA
HP 24mh 23.8-inch Display	1D0J9AA
HP 24mh 23.8-inch Display	7XM23AA
HP 24mq 23.8-inch Display	1F2J8AA
HP 24mq 23.8-inch Display	7XM24AA
HP 24x 23.8-inch Gaming Display	5ZU98AA
HP 24x 23.8-inch Gaming Display	5ZU99AA

HP 25f 25-inch Display	2XN61AA
HP 25f 25-inch Display	3AL43AA
HP 25mx 24.5-inch Display	4JF31AA
HP 25x 24.5-inch Display	3WL50AA
HP 25x 24.5-inch Display	3WL51AA
HP 27er 27-inch Display	T3M88AA
HP 27f 27-inch 4K Display	5ZP65AA
HP 27f 27-inch 4K Display	5ZP66AA
HP 27fh 27-inch Display	4HZ38AA
HP 27fh 27-inch Display	5JB79AA
HP 27fh 27-inch Display	7LL29AA
HP 27fw 27-inch Display	3KS64AA
HP 27fw 27-inch Display	3KS65AA
HP 27fw 27-inch Display	3MP91AA
HP 27fw 27-inch Display	6NB70AA
HP 27fw with Audio 27-inch Display	4TB31AA
HP 27fw with Audio 27-inch Display	4TB32AA
HP 27m 27-inch Display	3WL48AA
HP 27m 27-inch Display	3WL49AA
HP 27m 27-inch Display	9UP91AA
HP 27mq 27-inch Display	1F2J9AA
HP 27mq 27-inch Display	7XM25AA
HP 27mx 27-inch Display	4KK74AA
HP 27sv 27-inch LED Backlit Monitor	M4B77A9
HP 27wm 27-inch LED Backlit Monitor	V9D84AA
HP 27x 27-inch Display	3WL52AA
HP 27x 27-inch Display	3WL53AA
HP 27x Curved Display	7MW42AA
HP 27xq 27-inch Display	3WL54AA
HP 27xq 27-inch Display	3WL55AA
HP 27y 27-inch Display	2YV11AA
HP 32 Display	2FW77AA
HP 32 Display	5SQ41AA
HP 32f Display	6XJ00AA
HP 32s Display	2UD96AA
HP 34f 34-inch Curved Display	6JM50AA

HP 34f 34-inch Curved Display	6JM51AA
HP V28 4K Monitor	8WH57AA
HP V28 4K Monitor	8WH58AA
HP V28 4K Monitor	8WH58AS
HP V28 4K Monitor	8WH59AA
HP VH240a Display	2DS80AA
HP X24c Gaming Monitor	13Q95AA
HP X24c Gaming Monitor	9EK40AA
HP X24c Gaming Monitor	9FM22AA
HP X24c Gaming Monitor	9FM22AS
HP X27i 2K Gaming Monitor	8AG16AA
HP X27i 2K Gaming Monitor	8AG17AA
HP X27i 2K Gaming Monitor	8GC08AA

## HP Home Monitors

HP M27ha FHD Monitor	22H94AA
HP U27 4K Wireless Monitor	9TQ11AA
HP U27 4K Wireless Monitor	9TQ12AA
HP U27 4K Wireless Monitor	9TQ13AA
HP U27 4K Wireless Monitor	9TQ13AS
HP U28 4K HDR Monitor	1Z978AA
HP U28 4K HDR Monitor	1Z979AA
HP U28 4K HDR Monitor	1Z980AA
HP V19e HD Monitor	25Y22AA
HP V19e HD Monitor	25Y25A6
HP V19e HD Monitor	25Y25AA
HP V20 HD+ Monitor	1H848AA
HP V20 HD+ Monitor	1H849AA
HP V20 HD+ Monitor	1H850AA
HP V20 HD+ Monitor	1H850AS
HP V21 FHD Monitor	9TN57AA
HP V21 FHD Monitor	9TN58AA
HP V22 FHD Monitor	9SV78AA
HP V22 FHD Monitor	9SV79AA
HP V22 FHD Monitor	9SV80AA
HP V22 FHD Monitor	9SV80AS

HP V22e FHD Monitor	28N41AA
HP V24 FHD Monitor	9SV71AA
HP V24 FHD Monitor	9SV73AA
HP V24 FHD Monitor	9WF30AA
HP V24 FHD Monitor	9WF31AA
HP V24e FHD Monitor	28N17AA
HP V24i FHD Monitor	9RV15AA
HP V24i FHD Monitor	9RV16AA
HP V24i FHD Monitor	9RV17AA
HP V24i FHD Monitor	9RV17AS
HP V27e FHD Monitor	28N20AA
HP V27i FHD Monitor	1K3W7AA
HP V27i FHD Monitor	9SV92AA
HP V27i FHD Monitor	9SV93AA
HP V27i FHD Monitor	9SV94AA
HP V27i FHD Monitor	9SV94AS
HP X24i Gaming Monitor	2W922AA
HP X24ih Gaming Monitor	13L82AA
HP X24ih Gaming Monitor	2W924AA
HP X24ih Gaming Monitor	2W925AA

## Pavilion Displays

HP Pavilion 22cwa 21.5-inch IPS LED Backlit Monitor	T4Q59AA	
HP Pavilion 27 27-inch Display	3TN79AA	
HP Pavilion 27 Quantum Dot 27-inch Display	5DQ99AA	obsolete
HP Pavilion 27 Quantum Dot 27-inch Display	5DR00AA	obsolete
HP Pavilion 27q Display	1HR73AA	
HP Pavilion 27xw 27-inch IPS LED Backlit Monitor	V0N26AA	
HP Pavilion 32 QHD 32-inch Display	4WH45AA	
HP Pavilion Gaming 32 HDR Display	3BZ12AA	obsolete

## OMEN by HP Displays

OMEN 27i Monitor	8AC94AA	obsolete
OMEN 27i Monitor	8AC95AA	
OMEN X 25 240Hz Gaming Display	4NK94AA	obsolete
OMEN X 25f 240Hz Gaming Display	4WH47AA	

OMEN X 25f 240Hz Gaming Display	4WH48AA	
OMEN X 27 240Hz Gaming Monitor	6FN07AA	
OMEN X 27 240Hz Gaming Monitor	6FN08AA	
OMEN by HP 25 Display	Z7Y57A9	obsolete
OMEN by HP 25 Display	Z7Y57AA	

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