



# HP All-in-One 22-df0018na Bundle PC (1D9W8EA)



## 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>



### PCIe SSD storage

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



### 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.<sup>[6]</sup>



### 2nd Generation AMD Ryzen™ Mobile Processors

Uplift your performance with 2nd Generation AMD Ryzen™ Mobile Processors. Multitask seamlessly with accelerated power and efficiency, while enjoying stunning visuals.<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.

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

## Specifications

<b>Form factor</b>	All-in-One
<b>Operating system</b>	Windows 10 Home 64
<b>Product color</b>	Snow white
<b>Processor family</b>	AMD Ryzen™ 3 processor
<b>Processor</b>	AMD Ryzen™ 3 3250U (2.6 GHz base clock, up to 3.5 GHz max boost clock, 4 MB L3 cache, 2 cores) <sup>[6,7]</sup>
<b>Chipset</b>	AMD Integrated SoC
<b>Memory</b>	4 GB DDR4-2400 SDRAM (1 x 4 GB)
<b>Memory Slots</b>	2 SODIMM
<b>Internal Storage</b>	256 GB PCIe® NVMe™ M.2 SSD
<b>Memory card device</b>	HP 3-in-1 memory card reader
<b>Optical drive</b>	Optical drive not included
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	AMD Radeon™ Graphics
<b>Display</b>	54.6 cm (21.5") diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 250 nits, 72% NTSC
<b>Display</b>	21.5" diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 250 nits, 72% NTSC
<b>Audio</b>	Dual 2 W speakers
<b>Minimum dimensions (W x D x H)</b>	49.03 x 20.45 x 38.07 cm
<b>Minimum dimensions (W x D x H)</b>	19.3 x 8.05 x 14.99 in
<b>Weight</b>	5.7 kg
<b>Weight</b>	12.56 lb
<b>Keyboard</b>	USB white wired keyboard and mouse combo
<b>Webcam</b>	HP True Vision 720p HD privacy camera with integrated dual array digital microphones
<b>Ports</b>	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
<b>Expansion slots</b>	2 M.2 (1 for SSD, 1 for WLAN)
<b>Package dimensions (W x D x H)</b>	59.3 x 24.3 x 47.8 cm
<b>Package weight</b>	8.7 kg
<b>Network interface</b>	Integrated 10/100/1000 GbE LAN
<b>Wireless</b>	Realtek RTL8821CE 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 combo
<b>Power supply type</b>	65 W Smart AC power adapter
<b>Security management</b>	Kensington MicroSaver lock slot

<b>Software included</b>	McAfee LiveSafe™
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<b>Software - Productivity &amp; finance</b>	1 month trial for new Microsoft 365 customers <sup>[24]</sup>
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<b>Cloud service</b>	Dropbox <sup>[1]</sup>
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<b>UPC number</b>	195122280130
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## Additional specifications

<b>Bluetooth version</b>	Bluetooth® 4.2
<b>Camera Infrared</b>	IR
<b>Camera brand</b>	HP Wide Vision
<b>Camera location</b>	front-facing
<b>Camera microphone</b>	integrated dual array digital microphone
<b>Camera resolution (vertical)</b>	1080p
<b>Camera resolution standard</b>	FHD
<b>Color gamut</b>	72% NTSC
<b>Display</b>	54.6 cm (21.5") diagonal FHD display
<b>Display</b>	21.5" 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>	21.5
<b>Display size (diagonal, metric)</b>	54.6
<b>Display size (diagonal, metric) uom</b>	cm
<b>Display surface treatment</b>	anti-glare
<b>ECC memory</b>	No
<b>I/O Port location</b>	Rear
<b>Keyboard interface</b>	USB
<b>MDA key selling point</b>	Windows 10 Home or other operating systems available
<b>Memory and storage</b>	4 GB memory; 256 GB SSD storage
<b>Memory layout (slots &amp; size)</b>	1 x 4 GB
<b>Memory module type</b>	DIMM
<b>Memory size</b>	4
<b>Memory size uom</b>	GB
<b>Memory speed</b>	2400
<b>Memory speed uom</b>	MHz
<b>Memory type</b>	DDR4

<b>Number of memory slots</b>	1
<b>Package dimensions (W x D x H)</b>	23.35 x 9.57 x 18.82 in
<b>Package weight</b>	19.2 lb
<b>Processor Brand</b>	AMD
<b>Processor base frequency</b>	2.6
<b>Processor base frequency uom</b>	GHz
<b>Processor cache</b>	4 MB L3
<b>Processor core</b>	2
<b>Processor family</b>	Ryzen™ 3
<b>Processor maximum frequency</b>	3.5
<b>Processor maximum frequency uom</b>	GHz
<b>Processor model</b>	3250U
<b>Processor threads</b>	4
<b>Product brand name</b>	HP
<b>Product long name specifications</b>	HP All-in-One 22-df0018na Bundle PC, 21.5", Windows 10 Home 64, AMD Ryzen™ 3, 4GB RAM, 256GB SSD, FHD
<b>Screen-to-body Ratio (with speaker)</b>	[5]
<b>Screen-to-body ratio (with speakers)</b>	83.5%
<b>Storage capacity 01</b>	256
<b>Storage capacity uom 01</b>	GB
<b>Storage form factor 01</b>	M.2
<b>Storage interface 01</b>	PCIe®
<b>Storage interface protocol 01</b>	NVMe™
<b>Storage type</b>	SSD
<b>Storage type 01</b>	SSD
<b>Wireless Model</b>	RTL8821CE
<b>Wireless antenna</b>	1x1
<b>Wireless standard</b>	802.11a/b/g/n/ac
<b>Wireless supplier</b>	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.*

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## Accessories

### 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	obsolete
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	

#### 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 330 Wireless Mouse and Keyboard Combination	2V9E6AA	
HP C2500 Desktop	J8F15AA	
HP C2710 Combo Keyboard	M7P30AA	obsolete
HP C6020 Wireless Desktop	P1F56AA	obsolete
HP Pavilion Wired Keyboard and Mouse 400	4CE97AA	
HP Pavilion Wireless Keyboard and Mouse 800	4CF00AA	
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 220 Silent Wireless Mouse	391R4AA	
HP 280 Silent Wireless Mouse	19U64AA	
HP 930 Creator Wireless Mouse	1DOK9AA	
HP Bluetooth Travel Mouse	6SP25AA	
HP Bluetooth® Mouse 250	6CR73AA	
HP Bluetooth® Mouse Z5000	2HW67AA	
HP Dual Mode Mouse	6CR71AA	
HP Dual Mode Mouse	6CR72AA	
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 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 X1000 Mouse	H2C21AA	
HP X1500 Mouse	H4K66AA	obsolete
HP X220 Backlit Gaming Mouse	8DX48AA	
HP X3000 G2 Wireless Mouse	28Y30AA	
HP X3000 G2 Wireless Mouse	2C3M3AA	
HP X4500 Wireless (Black) Mouse	H2W16AA	obsolete
HP X500 Wired Mouse	E5C12AA	
HP X500 Wired Mouse	E5E76AA	
HP Z3700 Black Wireless Mouse	26V63AA	
HP Z3700 Black Wireless Mouse	VOL79AA	
HP Z3700 Blue Wireless Mouse	VOL81AA	
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	VOL82AA	
HP Z3700 Silver Wireless Mouse	X7Q44AA	
HP Z3700 White Wireless Mouse	VOL80AA	

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 Photon Wireless Mouse	6CL96AA
OMEN by HP Reactor Mouse	2VP02AA

## Keyboards

HP Dual Mode Keyboard 1000	18J71AA
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
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
HP 90W Slim with USB AC Adapter	G6H45AA
HP 90W Smart AC Adapter	G6H43AA

## Graphics Cards

### Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter	X1B84AA
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## 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 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	obsolete
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 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	obsolete
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 27wm 27-inch LED Backlit Monitor	V9D84AA	
HP 27x 27-inch Display	3WL52AA	
HP 27x 27-inch Display	3WL53AA	
HP 27x Curved Display	7MW42AA	obsolete
HP 27xq 27-inch Display	3WL54AA	
HP 27xq 27-inch Display	3WL55AA	
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	obsolete
HP Pavilion 27q Display	1HR73AA	
HP Pavilion 27xw 27-inch IPS LED Backlit Monitor	VON26AA	
HP Pavilion 32 QHD 32-inch Display	4WH45AA	

## OMEN by HP Displays

OMEN 27i Monitor	8AC94AA
OMEN 27i Monitor	8AC95AA
OMEN X 25 240Hz Gaming Display	4NK94AA
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	Z7Y57AA

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