Datasheet

HP V24i G5 FHD Monitor

Everyday Productivity

Expand your view and your productivity with this 60.5 cm(23.8-inch) diagonal, FHD monitor when you're working or learning. This sleek, sizeable monitor makes computing easy and complete via a crisp, smooth screen and simple design, so you can do more everyday.

*Product image may differ from actual product

In Full View

Enjoy how your projects or assignments look on this IPS monitor with excellent, front-of-screen views. It boasts FHD resolution and AMD FreeSync™ technology featuring a 75Hz refresh rate[1] for sharp images and fluid motion.

Modern Design. Functional Fit.

Clear your mind and your desk with a monitor designed to work in any space. Keep the focus on your screen through the sleek 3-sided micro-edge bezel, neat cable management, and slim stand with adjustable tilt for your perfect view.

Intuitive Inputs. Easy Control.

Make your workspace as simple as possible, so you can concentrate on what you do best. Easily setup your monitor by customizing your settings with the intuitive Joypad OSD button or manage them directly from the screen with HP Display Center[2].

Sustainability in action

Reduce. Repurpose. Recycle.

To do more for the planet, we are helping to close the loop by repurposing IT equipment in our newest EPEAT® registered[3] and ENERGY STAR® monitors. To go above and beyond, these monitors contain 85% recycled plastics solely from recycled ITE plastics[4]. Plus, this monitor ships in 100% recyclable packaging[5].

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Featuring

75 Hz Refresh Rate
Experience smooth, life-like video and clear detail with a 75 Hz refresh rate that provides fluid movement from frame to frame.[1]

IPS Panel
No matter where you stand, IPS technology ensures image accuracy and consistency across wide 178-degrees horizontal and vertical viewing angles.

3-Sided Micro-Edge Bezel
See and do more on your screen with a 3-sided micro-edge bezel that maximizes your viewing area for a sleek design and seamless dual-monitor setups.

Easy Joypad OSD Button
It's never been easier to configure your display with the Joypad OSD button to adjust brightness, resolution, and volume.

Low Blue Light Mode
Keep your eyes comfortable with subtly warmer display colors onscreen.

With the Environment in Mind
Meeting the latest standards with EPEAT® registered, ENERGY STAR® and TCO certifications.[3]

Thoughtful Product Packaging
We use 100% recyclable packaging that meets recycling requirements, so it can stay out of the landfill.[5,6]

Neat Cable Management
Neat cable management solution for a cleaner workspace and more productivity.

HP Display Center
Customize your display with easy, intuitive HP Display Center software that lets you tailor your settings, partition screens, and even dim the screen.[2]

AMD FreeSync™
AMD FreeSync™ technology provides smooth, tear-free videos by reducing input latency, screen tearing, and stuttering.[7]

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Specifications

Display specifications

Display size (diagonal, metric)
60.5 cm (23.8")
Aspect ratio
16:9[1]
Curvature
Flat
Native resolution
FHD (1920 x 1080)[1,2]
Resolution (maximum)
FHD (1920 x 1080 @ 75 Hz)[1]
Resolutions supported
640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 800; 1280 x 1024; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080
Panel type
IPS
Bezel
3-sided micro-edge
Panel active area
52.7 x 29.65 cm
Panel bit depth
8 bit (6 bit + FRC)
Display colors
Up to 16.7 million colors supported[3]
Display color gamut
72% NTSC
Display scan frequency
48-75 Hz (Vertical) 30-86 KHz (Horizontal)
Response time
5ms GtG (with overdrive)[1]
Brightness
250 nits[1]
Contrast ratio
1000:1 (Static)[1] 10000000:1 (Dynamic)[1]
Pixel pitch
0.27 x 0.27 mm
Pixels per inch (ppi)
93 ppi
Viewing angle
178° (Vertical) 178° (Horizontal)
Backlight type
Edge-lit
Backlight lamp life
30,000 hours
Display features
On-screen controls; AMD FreeSync™; Low blue light mode; Anti-glare
Display User Control Options
Power control; Brightness; Exit; Menu control; Input control; Information; Color control; Image control; Management
Management software
HP Display Center[11]
Low blue light modes
Yes (TÜV certified)
Flicker-free
Yes (TÜV certified)
Screen treatment
Anti-glare
Hardness
3H
VESA mount
100 mm x 100 mm[12]
Tilt
-5 to +23°
Camera
No integrated camera

Connectivity and communications

Port and connectors
1 HDMI 1.4
1 DisplayPort™ 1.2
1 VGA
HDCP
Yes, DisplayPort™ and HDMI
Power supply
100 - 240 VAC 50/60 Hz
(Internal)
Power consumption
30 W (maximum), 20 W (typical), 0.5 W (standby) 0.5 W (standby)
Standby mode power demand
0.5 W (standby)

Logistics and Physical

Product color
Black
Detachable stand
Yes
Physical security
Security lock-ready[10]
Dimensions without Stand (W x D x H)
53.89 x 5.14 x 32.36 cm
Dimensions with stand (W x D x H)
53.89 x 18.05 x 39.79 cm
Weight
3.78 kg (With stand.)
Packaged Dimensions (W x D x H)
59.5 x 12.4 x 39.1 cm
Packaged weight
5.94 kg
Pallet Dimensions (L x W x H)
120 x 100.2 x 210 cm
Pallet weight
510 kg
Pallet (layers)
5
Products per layer
16
Products per pallet
80

Certification and compliance

Energy efficiency
ENERGY STAR® certified E
Ecolabels
EPEAT® registered; TCO Certified configurations available[4]
Environmental specifications
Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 85% ITE-derived closed loop plastic; Low Halogen[6,7,8]
Certifications
Argentina S-Mark; Australia MEPS; Bauart; CB; CE; China CCC; C-Tick; cTUVus; EUP Lot-6; FCC; ISO 9241-307; KC (Korean) requirements; KCC (Korean) requirements; Microsoft WHQL Certification; NOM (Mexico); PSB for Singapore; RCM; Taiwan BSMI; VCCI; Vietnam MEPS; Ukraine Energy label; California Energy Commission (CEC); South Africa Energy; EUP Lot 26; Mexico Energy; WW application; UAE; Ukraine certificates; NRCS of South Africa; India BIS; Cambodia ISC; CEL Grade 2[13]
Operating temperature range
41 to 95°F
Operating humidity range
20 to 80% RH

Additional information

Part Number
P/N: 65P58AA#ABB:; #A2N; #ABT; #ABU; #ABV; #ABY; #ACQ; #UUG; #UUZ
UPC code: (A2N) 196548193769; (ABA) 196548193790; (ABB) 196548193844; (ABT) 196548193882; (ABU) 196548193899; (ABV) 196548193936; (ABY) 196548193967; (AC8) 196548412884; (ACQ) 196548194001; (AKH) 196548412891; (UUG) 196548194049; (UUZ) 196548194087
Manufacturer Warranty
1 year limited warranty
What's in the box
HDMI cable; Warranty card; Quick Setup Poster; AC power cord; Document kit[9]
Country of origin
Made in China

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Footnotes

Messaging Footnotes

[1] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
[2] Host PC requires Windows 10 or higher. HP Display Center is available on the Microsoft store.
[3] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
[4] ITE Derived Closed Loop Plastic percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[5] 100% outer box/corrugate cushion packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic. Excludes plastic bags and plastic foam sheeting.
[6] Recycling facilities not available in all locations.
[7] FreeSync™ is only available when it is connected on Display Port or HDMI. FreeSync is an AMD® technology is enabled on FHD or QHD displays AMD Radeon Graphics and/or AMD A-Series APU-compliant monitors with DisplayPort/HDMI Adaptive-Sync required. AMD 15.11 Crimson driver (or newer) required to support FreeSync over HDMI. Adaptive refresh rates vary by monitor. More information is available at www.amd.com/freesync.

Technical Specifications Footnotes

[1] All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
[2] DisplayPort™ 1.2 or HDMI 1.4 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 1920 x 1080 at 60 Hz with 8-bit color using one DisplayPort™, HDMI. The video card of the connected PC must be capable of supporting 1920 x 1080 and include one DisplayPort™ or one HDMI outputs to drive the monitor at the Preferred Mode.
[3] Number of colors through A-FRC technology.
[4] EPEAT® registered where applicable. EPEAT® registration varies by country. See www.epeat.net for registration status by country. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[6] Molded pulp cushions are made from 100% recycled wood fiber and organic materials.
[7] External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
[8] ITE Derived Closed Loop Plastic percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[9] Included cables may vary by country.
[10] Lock sold separately.
[11] HP Display Center requires Windows 10 (or higher) on host PC and is available from the Windows store.
[12] Mounting hardware sold separately.
[13] Monitors produced from June 2024 comply with China regulation GB 21520-2023.

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