

HP B421 42-inch LED Digital Signage Display



The equal opportunity DSD.

Bring an essential digital signage display into your organization at a very affordable price point with the HP B421 42-inch LED Digital Signage Display, designed for use in conference rooms, reception areas, hallways, and anywhere you want to publicly distribute content during normal business hours.



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Essential front-of-screen features

- Showcase your images, copy, and videos in Full HD¹ resolution on a screen that's visible to the entire room. Get ample brightness and contrast ratios and see more of your image with narrow bezels that don't detract from your message.

Easy connectivity

- Easily connect to a range of essential inputs, including VGA, DVI-D, HDMI, and USB. Use the RJ-45 port to push content from PC to display through your network. Import files from a USB thumb drive for playback on the display's basic media player.

Designed with the environment in mind

- Reduce power consumption and help lower your costs with mercury free display backlights, low halogen components,³ and arsenic-free display glass. The energy efficient display is also ENERGY STAR[®] and TCO qualified, and EPEAT[®] Silver registered.⁴

Place it where you need it

- Quickly and easily mount the display using the integrated VESA mount pattern.⁵

Global reassurance

- Rest assured that your IT investment is supported by a standard, three-year limited warranty.
- Select optional HP Care Pack Services⁶ to extend your protection beyond the standard warranties.

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Part number	F6N38AA
Panel type	E-LED
Viewable image area	106.7 cm (42 in) widescreen; diagonally measured
Viewing angle	Horizontal: 178 degrees; Vertical: 178 degrees
Brightness ²	350 cd/m ²
Contrast ratio ²	Static: 3000:1
Response rate ²	6.7 ms (gray to gray)
Frequency ²	Horizontal: 31.5 – 91.1 KHz; Vertical: 50 – 85 Hz
Aspect ratio	16:9
Native resolution	1920 x 1080 @ 60 Hz
Resolutions supported	1920 x 1080 @ 60 Hz; 1680 x 1050 @ 60Hz; 1600 x 900 @ 60 Hz; 1440 x 900 @ 60 Hz; 1280 x 1024 @ 60 Hz; 1280 x 800 @ 60 Hz; 1280 x 720 @ 60 Hz; 1024 x 768 @ 60 Hz; 800 x 600 @ 60 Hz; 720 x 400 @ 70 Hz; 640 x 480 @ 60 Hz
Input signal	VGA (analog), DVI-D, HDMI (HDCP support on DVI and HDMI); YPbPr component video
USB	(1) USB 2.0 input for playing multimedia files
Other Input/Output	(1) RJ45 Input for command and control and video over Ethernet; (1) IR input and (1) IR output for receiving and sending the IR control signals; (1) RS232 input and (1) RS232 output
Audio	(2) 7W integrated speakers; (1) 3.5mm audio input; (2) Stereo RCA inputs L/R; (2) Stereo RCA outputs L/R; (1) S/PDIF output
User controls	Power / Input /Menu / ▲Up, ▼ Down/ +Plus, - Minus
Power consumption	Typical: 88 W; Maximum: 104 W; Power Saving: 0.5W
Dimensions (w x d x h)	Unpacked: 98,04 x 3,85 x 57,29 cm (39.2 x 1.55 x 22.9 in); Packaged: 107 x 14,8 x 72,7 cm (42.8 x 5.9 x 29.1 in) Bezel width (all four sides): 19,7 mm (0.775 in)
Weight	Unpacked: 11,9 kg (26.23 lb); Packaged: 15,3 kg (33.73 lb)
Environmental	Operating: 5° to 40° C (41° to 104° F); Non-operating: -20° to 60° C (-4° to 140° F)
What's in the box?	HP B421 42-inch LED Digital Signage Display AC power cord (1.8m) 5.9 ft VGA cable (1.8m) 5.9 ft HDMI cable (1.8m) 5.9 ft Wireless remote control CD (includes user guide, warranty, drivers)
Accessories ⁵ (sold separately)	<p>HP DSD Security Wall Mount - Ability to install in a variety of commercial applications where an extra-large screen is desired. Enables bundling with select HP Thin Clients or an EliteDesk USDT PC, directly behind the display, away from view, for a quick and easy comprehensive solution. Includes a Quick Release for easy mounting and removal of a compatible HP Thin Client or HP USDT PC. Supports 40" to 60" display sizes. Weight restrictions may apply. Includes tilt friction knobs to retain tilt in any position.⁵ Part number WB975AA.</p> <p>HP MP4 Digital Signage Player - Attract and inform your customers with the compact and affordable HP MP4 Digital Signage Player, designed to drive static screen layouts and full-screen video signage content. Mount the space-saving design—HP's thinnest digital signage device—behind an HP Digital Signage Display to maximize available space, simplify installation and deliver picture-perfect presentation of rich media content.⁵ Part number D3K58UA.</p> <p>HP MP6 Digital Signage Player - Deliver dynamic and interactive signage content that attracts, engages, and astounds your customers with the powerful, flexible, and compact HP MP6 Digital Signage Player – designed to support dynamic and interactive signage content. Mount the compact design behind an HP Digital Signage Display to maximize available space, deliver picture-perfect presentation of dazzling content, and create a total HP digital signage solution.⁵ Part number D3K64UA.</p> <p>HP Digital Signage Installation Service - A range of installation service Care Packs. See www.hp.com/go/digitalsignage.</p>
Certification and compliance	CB, FCC, BSMI, CCC, cUL, NOM, China Energy Label Grade 1, EPEAT® Silver ⁴ , ENERGY STAR®, SmartWay Transport Partnership (NA), Microsoft WHQL Certification.
Limited warranty	Protected by HP, including a 3 year standard limited warranty. Optional HP Care Pack Services are extended service contracts that extend your protection beyond the standard warranties. ⁶

Please see the product QuickSpecs document for additional detailed specifications and information. See www.hp.com/go/digitalsignage for more information about HP Digital Signage.

1. High-definition (HD) content is required to view HD images.
2. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
3. External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
4. EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.
5. Each accessory and mounting hardware is sold separately.
6. HP Care Pack Services are sold separately. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. See www.hp.com/go/cpc for details.

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