

# HP Digital Signage Solutions

## HP Solution Brief



Influence,  
Inform,  
Advertise,  
Entertain

### Digital Signage Solutions from an industry leader

Designed with HP's industry-leading hardware, services and expertise, HP helps businesses break through the communications clutter to reach key audiences with complete, integrated Digital Signage Solutions that deliver multisensory content in more engaging, relevant and memorable ways than ever before.

With more than 20 years of business display and computing engineering expertise, and the industry's most expansive portfolio of high-performance technology solutions spanning the enterprise to SMBs to consumers, HP has the experience to design the right digital signage solution for your business.

### Expand your reach

HP Digital Signage Solutions let you showcase dynamic and attractive digital messages to help you capture the attention of your target audience. On just one digital signage unit, you can have dozens of rotating messages or advertisements, instead of just one on a traditional poster or sign.

As an added benefit, messages can be changed based on the time of day and traffic patterns, helping you deliver the RIGHT message to the RIGHT audience at the RIGHT time -- RIGHT away.

Or, add interactive (touch) technology to allow a more natural, intuitive way for your audience to quickly navigate to the information they want. Adding HP Interactive (touch) Digital Signage offers a unique opportunity to advertise, engage and communicate more efficiently.

### Complete solutions from a single, trusted source

HP can design and deploy a complete digital signage solution to meet your business needs with

a comprehensive portfolio of hardware, software and services offerings - spanning from digital signage displays and media players to software, kiosks and accessories. All delivered by a trusted cornerstone of the technology industry.

Through strategic relationships with innovative software companies, HP seamlessly integrates digital signage software applications and HP hardware to create a complete, end-to-end solution for your business.

And with more than 30 years in the channel and 140,000 authorized channel partners around the globe, only HP provides the trusted flexibility to work with a local or industry-specific provider to help customize and support your HP solution.

### Worry-free longevity and reliability

Based on proven, industry-standard technology, HP's Digital Signage Solutions are easy to set up, with preloaded management and deployment software from HP to help get you up and running quickly.

Unlike large TV screens, the HP Digital Signage Solutions are built to run 24/7 while maintaining longevity. They are fully tested and qualified for out-of-the-box functionality and compatibility with HP business products, plus include a three-year limited warranty backed by HP service and support from 65,000 IT professionals worldwide.

For more information about HP Digital Signage Solutions and to see the breadth of product offered by HP visit [hp.com](http://hp.com) or go to [www.hp.com/go/digitalsignage](http://www.hp.com/go/digitalsignage).

## HP Digital Signage Solutions

### Integrated Solutions

HP can design and deploy complete digital signage solutions to meet your business needs with a comprehensive hardware, software and services portfolio.

### Brilliant Digital Signage Displays

Sleek, high-performance displays provide high contrast ratios, brightness and flexible positioning for stunning views of wide graphics and text.

### High-Performance Media Players

A variety of media player options from PCs to thin clients to all-in-ones provide your choice of performance, integration and value.

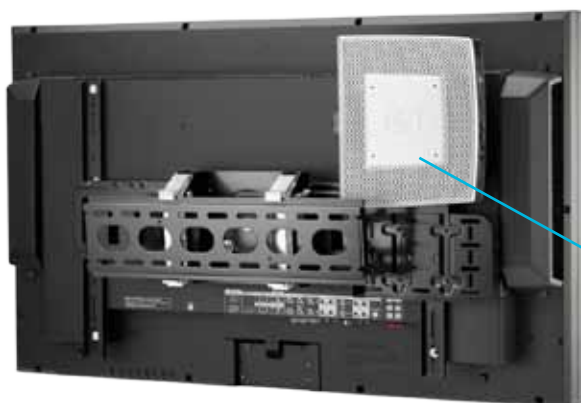
### Global Service & Support

Only HP provides a complete lifecycle of services and support across 160 countries to help you take full advantage of your digital signage solution.

Display solutions for every location and purpose



Integrated kiosk or wall mount for versatility



Choose between many performance driven media players to suit your needs.

## How to buy

HP Digital Signage Displays — [www.hp.com/go/digitalsignage](http://www.hp.com/go/digitalsignage)

HP Thin Clients — [www.hp.com/go/thincomputing](http://www.hp.com/go/thincomputing)

# HP Digital Signage Solutions – HP Solution Brief

## HP Digital Signage Displays<sup>1</sup>



HP LD4200tm 42-inch Widescreen LCD Interactive Digital Signage Display

- 42-inch diagonal (106.70 cm) Wide-Aspect Active Matrix LCD interactive (touch) digital signage display
- Viewing Angle: Up to 178° horizontal/178° vertical (10:1 minimum contrast ratio)
- Brightness: 500 nits (cd/m<sup>2</sup>)
- Contrast Ratio: 1000:1; Dynamic contrast ratio: 3000:1
- Response Rate: 9 ms
- Frequency: Horizontal: 30 to 83 kHz; Vertical: 56 ~ 76 Hz (Analog), 56 ~ 60 Hz (Digital)

- 72% color gamut
- Native Resolution: 1920 x 1080 @ 60 Hz (Analog/Digital)
- VGA, HDMI, component (2), composite (1), and S-video inputs (1). VGA out for tiling. VGA cable; USB cable for touch
- Typical power consumption 220W, Power Saving: 4W (HDMI) or 1W (VGA)
- Operating temperature: 41° to 95° F (5° to 35° C)
- Dimensions: 23.1 x 39.2 x 4.5 in (58.76 x 99.56 x 11.39 cm)
- Weight: 46.6 lb (21.2 kg)



HP LD4200 42-inch Widescreen LCD Digital Signage Display

- 42-inch diagonal (106.7-cm) Wide-Aspect Active Matrix LCD
- Viewing Angle: Up to 178° horizontal/178° vertical (10:1 minimum contrast ratio)
- Brightness: 500 nits (cd/m<sup>2</sup>)
- Contrast Ratio: 1000:1; Dynamic contrast ratio: 3000:1
- Response Rate: 9 ms
- Frequency: Horizontal: 30 to 83 kHz; Vertical: 56 ~ 76 Hz (Analog), 56 ~ 60 Hz (Digital)
- 72% color gamut

- Native Resolution: 1920 x 1080 @ 60 Hz (Analog/Digital)
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- Weight: 46.6 lb (21.2 kg)

## HP Media Players

HP t5740 Flexible Series Thin Client



- Microsoft Windows Embedded Standard 2009
- Intel Atom N280 1.66 GHz processor\*\*
- 1 or 2 GB<sup>7</sup> DDR-3 SODIMM; 2 GB primary Flash drive
- Intel GL40 graphics; maximum resolution: 2048x1536, standard screen, 1920x1200, wide screen
- Full 16-bit stereo audio

- 10/100/1000 Gigabit Ethernet (actual speeds may vary), 802.11 a/b/g/n Wi-Fi<sup>2</sup> (certain models)
- Advanced Security Features from Microsoft, Symantec
- Choice of Management & Deployment Tools
- Dimensions: 10.04 x 1.73 x 8.74 in. (255 x 44 x 222 mm)
- Weight: 3.48 lb (1.58 kg) with stand
- Limited three-year hardware warranty

HP t5745 Flexible Series Thin Client

- HP ThinPro (Linux)
- Intel Atom N280 1.66 GHz processor\*\*
- 1 or 2 GB<sup>7</sup> DDR-3 SODIMM; 1 or 2 GB primary Flash drive
- Intel GL40 graphics; maximum resolution: 2048x1536, standard screen, 1920x1200, wide screen
- Full 16-bit stereo audio

- 10/100/1000 Gigabit Ethernet (actual speeds may vary),
- Advanced Security Features from Microsoft, Symantec
- Choice of Management & Deployment Tools
- Dimensions: 10.04 x 1.73 x 8.74 in. (255 x 44 x 222 mm)
- Weight: 3.48 lb (1.58 kg) with stand
- Limited three-year hardware warranty

HP Compaq 8000f Elite Business PC



- Genuine Windows<sup>®</sup> 7 Professional\*
- Intel<sup>®</sup> Core 2<sup>™</sup> processors<sup>4</sup> with vPro Technology<sup>5</sup>
- Two (2) SODIMM slots; Up to 8 GB DDR3 SDRAM<sup>12</sup>
- 160 to 250GB hard drive<sup>7</sup>, optional 64GB Solid State Drive
- SATA DVD-ROM drive, SATA SuperMulti LightScribe DVD Writer Drive<sup>7</sup>, SD Card Reader
- Expansion bays: One External Slimline; One Internal 2.5in.
- One (1) mini PCIe expansion slot

- Integrated Intel<sup>®</sup> Graphics Media Accelerator 4500
- Realtek ALC261 HD Audio
- Intel 82567LM Gigabit Network Connection
- Dimensions: 2.6 x 9.9 x 10 in (66 x 251.5 x 254 mm)
- Weight: 6.75 lb (3.07 kg)
- 3-3-3 limited warranty delivers on-site, next business-day service for parts/labor; includes free phone support 24 x 7<sup>3</sup>

HP Touchsmart 9100 Business PC



- Genuine Windows<sup>®</sup> 7 Professional\* and Windows Touch
- Powerful Intel<sup>®</sup> Core<sup>™</sup>2 Duo processor<sup>4</sup>
- Up to 8 GB of memory<sup>12</sup>
- Up to 500 GB hard drive<sup>7</sup>, or 64 GB solid state drive
- One power cord for entire system
- Adjustable stand
- Slot-load Blu-ray Combo Drive<sup>9</sup> (Blu-ray Reader/DVD Burner) or SuperMulti DVD LightScribe Burner<sup>8</sup>

- Integrated premium stereo speakers
- Built in web-cam and array microphone
- Integrated 5-in-1 Media Card Reader
- Bluetooth<sup>®</sup> 2.1 and Optional wireless connectivity: Integrated 802.11 b/g/n draft 2.0 wireless LAN module
- Optional TV Tuner<sup>10</sup>
- Preinstalled HP Power Manager
- McAfee Total Protection for Business

HP z800 Workstation



- Genuine Windows<sup>®</sup> 7 Professional\*
- Choice of Intel<sup>®</sup> Xeon<sup>®</sup><sup>4, 11</sup> 2.13 GHz–3.33 GHz processors\*\*
- 12 DIMM slots, up to 192 GB, 6-channel DDR3 1333 MHz<sup>12</sup>, 3 channels per CPU<sup>6</sup>
- Integrated 6-channel 3Gb/s drive controller, RAID 0, 1, 5, 10 capable<sup>13</sup>; Integrated 8-channel SAS controller, RAID 0, 1, 10 capable<sup>13</sup>; Optional LSI; 8888 ELP 8-port SAS HW RAID 0, 1, 5, 10 capable<sup>13</sup>
- Broad range of 2D or 3D NVIDIA Quadro graphics available
- High-definition integrated Realtek ALC262 Audio

- Up to (5) 3.5-inch 7200 rpm SATA hard drives: 160 GB–7.5 TB max; Up to (6) 2.5-inch 10K rpm SATA drives: 160 GB–1.8 TB max; Up to (5) 3.5-inch 15K rpm SAS drives: 146 GB–2.25 TB max<sup>7</sup>
- DVD-ROM, DVD+/-RW<sup>8</sup>, Slot-load DVD+/-RW<sup>8</sup>, Blu-Ray Writer<sup>9</sup>
- (3) external 5.25-inch drive bays, (4) internal 3.5-inch bays, Up to (4) eSATA, Up to (8) external SAS
- Integrated Dual Broadcom 5764 LAN, Infineon TPM 1.2 Controller, Optional Broadcom NIC, Optional Intel NIC
- Dimensions: 17.5 x 8.0 x 20.7 in (44.51 x 20.35 x 52.65 cm)

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\*Systems may require upgraded and/or separately purchased hardware and/or a DVD drive to install the Windows 7 software and take full advantage of Windows 7 functionality. See <http://www.microsoft.com/windows/windows7/> for details.

\*\*Intel's numbering is not a measurement of higher performance.

1. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
2. Wireless access point and Internet service is required and is not included.
3. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at [www.hp.com/go/lookuptool](http://www.hp.com/go/lookuptool). Additional HP Care Pack Services information by product is available at [www.hp.com/hps/carepack](http://www.hp.com/hps/carepack). Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit [www.hp.com/go/carepack](http://www.hp.com/go/carepack).
4. 64-bit computing on Intel architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel® 64architecture. Processors will not operate (including 32-bit operation) without an Intel 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. See [www.intel.com/info/em64t](http://www.intel.com/info/em64t) for more information. Dual/Quad Core is designed to improve performance of certain software products. Not all customers will necessarily benefit from the use of this technology. Intel's numbering is not a measurement of higher performance.
5. vPro Technology - Some functionality of this technology, such as Intel Active management technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on 3rd party software providers. Compatibility with future "virtual appliances" and Microsoft Windows 7 operating system is yet to be determined.
6. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
7. For hard drives, GB = 1 billion bytes, and TB = 1 trillion bytes. Actual formatted capacity is less. Up to 8 GB (for XP), 12 GB (for Vista), and up to 25GB (for Windows 7) of system disk is reserved for the system recovery software.
8. Actual speeds may vary. Do not copy copyright-protected materials. Double Layer is a new technology. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 Double Sided-Version 1 Media. LightScribe creates a monochrome image. LightScribe media required and sold separately.
9. Blu-Ray is a new format containing new technologies; certain disc, digital connection, compatibility and/or performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. In order for some Blu-ray titles to play, they may require a DVI or HDMI digital connection and your display may require HDCP support. HD-DVD movies cannot be played on this Desktop PC. Don't copy copyright-protected materials.
10. Availability of signals limited by the strength and accessibility of the originating TV signal, location and other factors. Performance issues may arise, and do not constitute defects in the product. ATSC high-definition (HD) and NTSC source content varies and will depend on broadcast signal, antenna, geographic location and other factors. An external over-the-air antenna that receives UHF and VHF signals is required for ATSC reception. Viewing HD content will require a compatible high-definition display. Ability to record, edit, or transfer broadcast content such as TV programming may be limited depending on the type of content. Performance issues may arise, and do not constitute defects in the product.
11. Quad-Core technologies are designed to improve performance of multithreaded software products and hardware-aware multitasking operating systems and may require appropriate operating system software for full benefits; check with software provider to determine suitability; Not all customers or software applications will necessarily benefit from use of these technologies.
12. Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
13. SATA hardware RAID is not supported on Linux systems. The Linux kernel, with built-in software RAID, provides excellent functionality and performance. It is a good alternative to hardware-based RAID. Please visit <http://h20000.www2.hp.com/bc/docs/support/SupportManual/c00060684/c00060684.pdf> for RAID capabilities with Linux.

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## About us

- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.
- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

## Latest Hardware from top manufacturers

- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

## Expert Repair and Maintenance services

- Legacy is one of the best repair facilities in North America

## Discontinued product sourcing

- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

## Trade-in and Disposal services

- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
  - Data destruction
  - Hardware disposal
  - Auditing services

## Dedicated client account team

- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

## Equipment rental services

- Sometimes renting is a better solution, Legacy's huge rental inventory provides the equipment you need for temporary needs and projects.



[Legacy, Inc.](http://Legacy, Inc.)

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