HP z552 Digital Entertainment Center

Stay connected. The HP Digital Entertainment Center will make friends fast with the rest of your home theater equipment. Connect to your TV or projector through DVI, VGA, component video, S-video or composite video.[1] Enjoy digital or analog surround sound output through your A/V receiver.

Quiet but sexy. The black, brushed-aluminum finish looks at home in your living room or home theater. An ultra-quiet design keeps your focus on your entertainment experience, not on your system.

Everything at your fingertips. A single remote control gives you instant access to all your digital entertainment—TV, DVD movies, home videos, music, photos and FM radio—through Microsoft® Windows® XP Media Center Edition 2005.

TV at your speed. Two high-performance TV tuners and a personal video recorder (PVR) let you pause, replay and record from cable, digital cable, digital satellite, or over-the-air TV. Record up to two TV programs simultaneously while playing a third recorded program.

TV on your time. Search for and record your must-see TV shows with the included Electronic Programming Guide.[2] You can capture single episodes or entire series onto the HP Digital Entertainment Center. You'll never miss another episode of your favorite show!

Listen in. Make your own CDs[3] or enjoy the ones you already have. You can even select individual songs, create play lists, or search for music by title, artist and album. It's like having a jukebox right in your living room!

Movie magic. Play your favorites or download new ones[4]—and get ready for crisp, clear images and unbeatable surround sound from your big-screen TV.

Your turn to burn. Create your own media library when you record TV shows, home videos and music onto space-saving DVDs with the double-layer DVD±R/RW drive.[5]

Leave a lasting impression. Use LightScribe technology[6] and software to burn custom, laser-etched CD and DVD labels. It's as easy as burn, flip, burn!

Focus on fun. Transfer your latest and greatest digital photos using the front-panel 9-in-1 memory card reader. Use your remote control to create an impromptu slideshow your family will love.

Hold everything. With the 200GB[7] internal hard drive, you'll have plenty of storage for many hours of recorded TV. Add more instantly with an optional 160GB or 300GB HP Personal Media Drive.[8]

[1] DVI recommended for high-definition ready TVs and displays.
[2] Electronic Program Guide provided by Microsoft. Broadband Internet access required at additional cost.
[3] Intended only for creation and storage of original material and other lawful uses.
[4] Actual speeds may vary. Does not permit copying of commercially available DVD movies or other copyrighted materials. Intended only for creation and storage of original material and lawful uses.
[5] The PC ships with the double layer DVD-Writer which supports single layer and double layer DVD media. Double layer technology gives you greater capacity and allows you to store up to 8.5GB data on double layer DVD+R media. Double layer is a new technology. Double layer media compatibility will widely vary with some home DVD players and DVD-ROM drives.
[6] Requires LightScribe media. Sold separately. LightScribe creates a grayscale image similar to a black-and-white photograph.
[7] 1GB = 1 billion bytes when referring to hard drive capacity. Actual formatted capacity is less.
[8] HP Personal Media Drive sold separately.

Give yourself more living room with the HP Digital Entertainment Center. Put all your digital entertainment—TV, music, movies, photos—into one sleek device. It's visionary home technology from a consumer technology company you can trust.

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Television and Video

Television Tuners	(2) NTSC TV tuners with pause, review, and programmable record capabilities. Runs at 30FPS and 60Hz frequency.
Personal Video Recorder Features	Personal Video Recorder (PVR) with high-performance hardware encoder. Records television digitally to internal hard drive or HP Personal Media Drive. Features pause, instant replay and 30-second skip. Records up to two TV channels simultaneously while playing back another pre-recorded show.
Personal Video Recorder Compatibility	Compatible with cable, digital cable, digital satellite and antenna.[1]
Electronic Programming Guide	14-day programming guide for use with Personal Video Recorder. Downloadable at no charge via high-speed broadband Internet connection.[2]
Video Processor	ATI RADEON® X300 SE graphics card with 128MB DDR memory. PCI-Express x16 high performance architecture.

Storage

Primary Hard Drive	200GB[3] 7200RPM Serial ATA
Secondary Hard Drive (via HP Personal Media Drive bay)	HP Personal Media Drives can be purchased to support storage of larger media files collections.
DVD Player and Recorder	16x double-layer DVD±R/RW drive. Progressive scan DVD movie playback at 480p.[4]
DVD and CD Read and Write Speeds[4]	16X maximum DVD+R, 4X maximum DVD+RW, 2.4X maximum double-layer DVD+R, 8X maximum DVD-R, 4X maximum DVD-RW, 16X maximum DVD-ROM, 40X maximum CD-R, 24X maximum CD-RW, 40X maximum CD-ROM[5]
DVD and CD Labeling	LightScribe direct disc labeling technology[6]

Audio

Audio Chip	Intel® High Definition Audio with 7.1 surround sound (pre-amp). 20Hz to 20kHz audio frequency. 85dB audio signal-to-noise ratio (SNR).
Audio Support	Dolby Digital 5.1 surround sound support. Analog 7.1 pre-amp surround sound support. Supports playback of MP3, AAC, WMA, WAV and PCM music files. Supports playback of audio CDs and DVD-video.
FM Tuner	(1) FM tuner with pause and replay capabilities. Nine user-defined FM preset stations. Range 87.5–108.0 MHz. 75ohm RF coaxial antenna included.

External Input/Output Connectors

Rear Video Output Connectors	(1) DVI-D[7], (1) VGA, (1) component video (YPbPr), (1) S-video, (1) composite video
Rear Audio Out Connectors	(8) RCA audio ports for 7.1 surround sound analog output, (1) Toslink optical digital port for 5.1 digital output, (1) coaxial digital port for 5.1 digital output[8]
Television Inputs	(1) RF coaxial for standard definition TV, (1) RF coaxial for digital TV, (2) S-video, (1) composite video, (2) sets of stereo RCA jacks (left/right)
Front Audio Out Connectors	(1) ¼" headphone
Front Audio In Connectors	Left/right RCA audio, (1) microphone
USB	(2) front Hi-Speed USB 2.0, (4) rear Hi-Speed USB 2.0
FireWire (IEEE 1394)	(1) front 4-pin FireWire/1394 for connection to camcorders, (1) rear 6-pin FireWire/1394
Media Card Reader	(1) front-accessible 9-in-1 Flash Media Card Reader. Supports Secure Digital, xD, Smart Media, MultiMedia Card, Compact Flash Types I/II, Microdrive, Memory Stick, and Memory Stick Pro.
Infrared Transmitter	(2) rear infrared (IR) blaster ports with IR blaster cables included. Changes TV channels on digital cable and satellite set-top boxes.

[1] Does not record high definition from cable or satellite.
[2] EPG provided by Microsoft®. Broadband Internet access requres payment of additional fees or subscription for use.
[3] 1GB = 1 billion bytes when referring to hard drive capacity. Actual formatted capacity is less.
[4] Desktop resolution must be set to 640 x 480 for DVD playback via component video.
[5] Actual speeds may vary from maximum speeds. DVD formats not universally compatible.
[6] Requires LightScribe DVD or CD media. LightScribe creates a grayscale image similar to a black-and-white photo.
[7] DVI-D recommended for high-definition ready TVs.
[8] External A/V receiver or powered speakers required.

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Computing Power

Processor Model	Intel® Pentium® 4 processor 530J[1] with HT Technology.[2]
Secondary-Level Cache Size	1MB Integrated Level 2
Front-Side Bus Speed	800MHz
Motherboard Chipset	Intel® 915P Express
System Memory	512MB PC3200 DDR SDRAM. System memory expandable to 2GB.

Internet Connectivity

Wireless LAN (WiFi)	802.11 b/g wireless adapter. Removable antenna included.
Ethernet	10/100/1000 Base-T Gigabit Ethernet (RJ-45)

Case & Power

Product Finish	Black brushed-aluminum with HP Media Info Display
Power Supply	250W
Power Requirements	100-240V AC, 50/60Hz
Power Management	Energy Star Compliant

Accessories

Keyboard and Trackball	(1) 49MHz RF HP wireless entertainment keyboard with integrated track ball. Keyboard includes 7 multimedia control keys and 3 programmable keys.
Supplied Accessories	(1) HP Digital Entertainment Center infrared remote control, (1) system recovery DVD
Supplied Documentation	HP Digital Entertainment Center Start Here booklet, HP Digital Entertainment Center User's guide, HP Digital Entertainment Center Software Guide
Supplied Cables	(1) power cable, (1) DVI-D video cable, (1) S-video cable, (1) left/right RCA audio, (2) infrared blasters to control set-top boxes, (2) RF coaxial video, (1) coaxial video splitter
Supplied Antennas	(1) coaxial FM radio antenna, (1) external 802.11b/g antenna

Dimensions & Weight

Unpackaged Dimensions (Case Only) WxHxD	17.0 in./43.1 cm. x 4.4 in./11.1 cm x 16.6 in./42.2 cm.
Packaged Dimensions WxHxD	24.25 in./61.6 cm. x 11.50 in./29.2 cm. x 20.25 in./51.4 cm.
Unpackaged Weight (Case only)	24.5 lb./11.1 kg.
Packaged Weight	41.0 lb./18.6 kg.

[1] Intel's numbering system is not a measurement of higher performance.
[2] The Hyper-Threading features is a new and complex technology designed to improve the performance of multi-threaded software products. Please contact your software provider to determine software compatibility. Not all customers or software applications will benefit from the use of Hyper-Threading. Go to www.intel.com/info/hyperthreading for more information.

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Software

Operating System	Microsoft Windows XP Media Center Edition 2005
Music Playback	Apple iTunes; HP Tunes—Access your iTunes music library music files in Media Center Edition interface.
Digital Photography	HP Image Zone Plus; HP Image Zone for Media Center—Enables photo slide show presentations in Media Center Edition interface.
DVD Playback	InterVideo® WinDVD Player—Serves as engine for Media Center Edition DVD player.
Video Editing	muvee autoProducer—Enables creation of DVDs from Media Center Edition interface; InterVideo WinDVD Creator
Security	Norton™ Antivirus 2005 with 60 days of free updates
CD/DVD Recording	Sonic® RecordNow!™
LightScribe Direct-to-Disc Labeling	Sonic® Express Labeler; InterVideo® Disc Label

Operating requirements

Minimum	TV or high-resolution display with DVI, VGA, S-video, component video, or composite video. High-speed broadband Internet connection to download Electronic TV Programming Guide. TV signal source (cable, satellite and/or antenna).
Recommended	High-definition ready TV or display (LCD, plasma, rear projection, front projection). A/V receiver and speakers with 5.1 or greater surround sound output.

Service and support information

Limited Warranty	One year parts and labor.
Product Support	One year toll-free 24/7 hardware support. 90 days toll-free 24/7 software support.
Repair Options	Servicing options include: call HP for customer replaceable parts, return unit to HP for repair, or take unit to HP authorized service provider. Visit www.hp.ca/support for more information.
Desktop Support	Click on desktop icon for built-in Help and Support Center.
Online Support	Visit www.hp.ca/support for easy access to online FAQs and troubleshooting information.
Telephone Support	Call HP Customer Care toll-free at 1-800-474-6836 in U.S. and Canada for direct, knowledgeable assistance.
Extended Service Plan	Choose from a variety of HP Extended Service Plans to meet your unique needs. Call 1-877-231-4351 or visit www.hp.ca/home/ownerservices for more information.

Product Number: PS503AA #ABA

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