

LN40B530 40" High Definition TV with 1080p Resolution

(39.9" (truncated) actual diagonal screen size)

SERIES **5** LCD TV

Step up to the power of Full HD on a 40-inch LCD screen, with Samsung's LN40B530. The amazing 1080p resolution – the highest available – with Wide Color Enhancer renders the most crisp vivid tones, in every frame for the most realistic picture quality. Black tones and shadows are strikingly superb, thanks to the 60,000:1 dynamic contrast ratio. A fast 5ms response time offers smooth, clear action. Keep an eye on two different programs – without changing the channel, thanks to the picture-in-picture feature. A transparent bottom decoration at the lower bezel's edge adds a unique design element. Connecting your DVD or Blu-ray Disc® player is a snap, with no less than three HDMI inputs. And thanks to SRS TruSurround HD technology, all the HD excitement sounds as incredible as it looks.

TV/VIDEO

- Full HD-grade pixel resolution (1080p)
- Widescreen aspect ratio
- 60,000:1 dynamic contrast ratio
- Built-in digital tuner
- Fast 6ms response time
- Game Mode
- Wide Color Enhancer 2
- Transparent bottom decoration
- Swivel stand
- "Piano Key Black" cabinet

AUDIO

- Watts per channel: 10W x 2
- SRS TruSurround HD™

CONNECTIONS

- 3 HDMI – Anynet + (HDMI-CEC) (2 rear/1 side)
- 1 Component video input (rear)
- 2 Composite inputs (1 rear/1 side)
- PC input
- Optical sound output



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FEATURES

HD-Grade 1920 (H) x 1080 (V) pixel

resolution: High-resolution pixel density is combined with a built-in image scaler to handle inputs from a variety of digital and analog audio/video sources.

Widescreen aspect ratio

CCFL—Cold Cathode Fluorescent lamp

60,000:1 dynamic contrast ratio

Wide Color Enhancer²: Optimizes a given color's hue, resulting in more natural rendering of colors.

Built-in digital tuner: (ATSC/Clear QAM)

Response time: A fast 6ms response time minimizes blurring of fast motion in sports programs.

Game Mode enhances dark areas, sharpens the picture, speeds up the image processing response and enhances the sounds of your games. Picture and sound quality optimized for the special needs of gaming systems at the touch of a button.

Single User Interface

SRS TruSurround HD™ creates an immersive, feature-rich surround sound experience from two speakers, complete with rich bass, high frequency detail and clear dialog.

Stereo broadcast reception: Supports multichannel sound (MTS) and second audio program (SAP) with 181-channel capacity.

Bottom speakers with 10 Watts x 2 audio power

Energy Star® Compliant reduces energy consumption by up to 25% compared with standard TVs.

Anynet™ Plus (HDMI-CEC): allows peripheral AV devices such as a DVD player to be controlled by a Samsung TV remote control.

V-Chip system¹: Allows blocking of rated TV and Movie programs determined by a parent to contain objectionable content.

Trilingual on-screen displays in English, Spanish or French.

Variable sleep timer: Can be programmed to turn the TV off at different time intervals.

Swivel stand

CONNECTIONS

3 HDMI (High-Definition Multimedia Interface) version 1.3: (2 rear/1 side)

Component video: 1 rear (Y, Pb, Pr)

Composite inputs: 1 rear/1 side (shared with component)

PC input: 1 rear

Optical sound output: 1 rear

RS232C

HDMI-CEC

WARRANTY

1 year parts and 1 year labor warranty (90 days parts and labor for commercial use), with in home service, backed by Samsung toll-free support.

SPECIFICATIONS

Panel: Wide (16:9) LCD

TV system: American NTSC standard color

Channel coverage: VHF 2-13, UHF 14-69, CATV 1-125 (up to 181 pre-selected channels)

Antenna: CATV/VHF/UHF 75-ohm, F-type

Watts per channel: 10Wx2

NET DIMENSIONS & WEIGHT (WXHXD)

TV without stand: 39.3"x 24.4" x 3.1"

TV without stand weight: 33.3 lb

TV with stand: 39.3" x 27.0" x 10.2"

TV with stand weight: 39.7 lb

SHIPPING INFORMATION (WXHXD)

Dimensions: 49.1" x 29.4" x 9.4"

Weight: 50.7 lb

ORDER CODE

LN40B530P7FXZA

UPC

036725229167

¹Feature dependent upon broadcasting of information by local off-air TV and cable channels.

²As an Energy Star® partner, Samsung has determined that this product meets the Energy Star® guidelines for energy efficiency. Energy Star® is a registered trademark of the U.S. Environmental Protection Agency.

Design and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

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209-SS Printed in USA.

For more information on digital TV technology please visit www.samsung.com/hd