**ComX Computers**
Product Specification Sheet

# KDL-40EX520

SONY 40EX520 40" Black Edge LED TV

## Product Overview

SONY 40EX520 40" Black Edge LED TV - X-Reality Engine, Full HD 1920x1080, 4x HDMI, 2x USB, Skype Ready, WiFi Ready, Internet TV




## Specifications

**Overview:**

Experience brilliant Full HD 1080p picture quality, incredible contrast and sharp, vivid images with the BRAVIA EX520 Series LED LCD HDTV. Add the UWA-BR100 wireless adapter (sold separately) to connect to your home network and stream the widest selection of internet entertainment from Netflix, YouTube, Qriocity, Pandora, Hulu Plus and more. Enjoy a vibrant picture whether watching Blu-ray Disc movies or streaming low-resolution internet video thanks to X-Reality Engine. You can also view photos, videos or listen to music via the USB input.

**Features:**

**Slim Design, Stunning Picture**
Experience the next level of picture quality and contrast with Edge LED Backlight technology. Unlike conventional LCD televisions, BRAVIA EX520 Series HDTVs use edge-mounted LEDs to light up the screen and deliver outstanding contrast and dark-scene detail. Other benefits include a thin design that displays sharp images and rich color detail. Other benefits include sharp images, rich color detail and a thin design.

**Vivid Picture Quality**
Experience an exceptional, lifelike picture with X-Reality Engine. This single chip solution features Sony's Intelligent Image Enhancer which divides the signal into four characteristics including texture, outline, contrast and color, and then optimizes each one individually for more vibrant and detailed images.

**Entertainment on Tap**
Add the UWA-BR100 Wi-Fi adapter (sold separately) to go beyond scheduled programming and watch what you want, when you want. Enjoy the widest selection of internet entertainment including Hollywood blockbusters from Qriocity, hit movies with Netflix, popular TV shows on Hulu Plus, user-generated video on YouTube or listen to music with Pandora.

**Make Free Video Calls on Your TV**
Add a Sony microphone/camera (sold separately) to make video Skype-to-Skype calls and Skype-to-phone calls. Now you can

use your TV to connect to friends and family all over the globe with internet voice and video calls. Coming this spring.

**Share Photos, Videos and Music**
Connect your digital camera or USB flash drive directly into this TV's built-in USB input and view your photos and videos on the big screen. You can also listen to the tunes stored on your USB-enabled MP3 player.

**Media Sharing**
Take advantage of Wi-Fi (UWA-BR100 wireless adapter required, sold separately) and access media files on your TV-all without leaving the couch. This DLNA Certified HDTV lets you share photos, videos and music on your TV by streaming them from compatible DLNA device like your PC or PlayStation3 system.

**Presence Sensor**
Save energy when you're not around. The television's built-in motion sensor has the ability to scan the room and detect movement. If the sensor detects no movement it automatically turns off the picture leaving only sound. After more time and no movement, the TV turns itself off minimizing any unnecessary power draw.

**Faster Start-Up**
Quick Start & Viewing feature enables this Sony television to go from 'OFF' to 'ON' 2-3 times faster than previous Sony televisions.

**BRAVIA Sync Compatible**
Conveniently operate and control other BRAVIA Sync compatible devices - including BRAVIA HDTVs, Blu-ray Disc Players, surround sound systems, Handycam camcorders and Cyber-shot digital still cameras, all with one remote control.

**Edge LED Backlighting**
Experience the next level of picture quality and contrast with Sony's Edge LED Backlight technology. This technology sharpens image contrast giving an amazingly crisp picture you can see. The ultra-thin backlight system allows for a slimmer, sleeker design.

**Navigation Made Easy**
Enjoy an easy-to-use menu that allows you to navigate additional content or adjust the picture settings while watching your favorite program.

**USB Photos, Videos & Music**
Share your photos on the big screen or listen to your favorite music. Simply connect your digital camera, USB-enabled MP3 player, or USB storage device directly to your HDTV's USB input.

**X-Reality Engine**
Enjoy a vivid, lifelike picture experience. Sony's X-Reality engine brings out the best by analyzing each scene so you see sharpened images, and amazing contrast detail.

**Media Remote App.**
Download the free Media Remote app and use your iPhone or Android phone as a versatile remote control with full QWERTY keyboard.

**LightSensor Technology**
Enjoy customized picture brightness and save energy without lifting a finger. The built-in Light Sensor automatically adjusts the picture brightness based on the amount of light in the room.

**Specifications:**

| Audio Features |
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|---|---|
| 5.1 Channel Audio Out | Yes |
| 5.1ch Through Out (Handycam) | Yes |
| Alternate Audio (Digital) | Yes |
| Audio Out | Fixed/variable |
| Auto Mute (on no signal) | Yes |
| Auto SAP | Yes |
| Dolby | Dolby Digital, Dolby Digital Plus, Dolby Pulse |
| Headphone/Speaker Link | Yes |
| Invisible Speaker (w/Sound Elevation) | Yes |
| S-Master | Yes |
| Sony Original Surround | S-Force Front Surround 3D |
| Sound Booster | Yes |
| Sound Enhancer | Yes |
| Sound Mode | Dynamic, Standard, Clear Voice, Custom |
| Stereo System | MTS |
| Surround Effect | Cinema, Sports, Music, Game |
| Power | |
| Power Consumption (in Download Acquisition Mode) | 0.02kWh / Day |
| Power Consumption (in Operation) max. | 102W |
| Power Consumption (in Standby) | 0.20W (120V) / 0.30W (240V) |
| Power Requirements (frequency) | 60Hz for UL, cUL; 50/60Hz for other |
| Power Requirements (voltage) | AC 120V for UL, cUL; AC 110-240V for other |
| Service and Warranty Information | |
| Limited Warranty Term | 1 Year Labor / 1 Year Parts |
| Recycled & Recyclable Materials | |
| Packaging Materials | Recycled Carton (more than 40%) |
| Display Features | |
| Backlight Type | Edge LED |
| Display Device | LCD |
| General Features | |
| Audio Return Channel | Yes |
| Closed Captions (CC) | Analog, Digital |
| Finish (Surface Color) | Black |
| HDMI InstaPort | Yes |
| Start Up Sony Logo Display | Yes |

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|---|---|
| Video | |
| Video Signal | 1080/24p (HDMI only), 1080/60i, 1080/60p (HDMI / Component), 720/60p, 480/60i, 480/60p |
| Network Features | |
| BRAVIA Internet Video | Yes |
| BRAVIA Internet Widgets | Yes |
| DLNA | Yes |
| HTML Browser | Yes |
| Photo MAP | Yes |
| Wireless LAN | Ready (UWA-BR100 required, sold separately) |
| Video Features | |
| 24p True Cinema Technology | Yes |
| 3D Comb Filter | Yes |
| 4 | 3 Default : Yes |
| Advanced Contrast Enhancer (ACE) | Yes |
| Auto Wide | Yes |
| CineMotion Reverse 3 | 2 Pulldown Technology : Yes |
| Deep Color | Yes |
| Intelligent Image Enhancer | Yes |
| Intelligent MPEG Noise Reduction | Yes |
| Live Color Technology | Yes |
| PhotoTV HD | Yes |
| Picture Mode | Vivid, Standard, Photo-Vivid, Photo-Standard, Photo-Original, Photo-Custom, Cinema, Game-Standard, Game-Original, Graphics, Sports, Animation |
| Video Processing | X-Reality Engine |
| Wide Mode | Full, Normal, Wide Zoom, Zoom, Caption, Normal/Full1/Full2 for PC |
| Audio | |
| Audio Power Output | 10W + 10W |
| Convenience Features | |
| Auto Shut-off | Yes |
| BRAVIA Sync | Yes |
| Channel Block (with password) | Analog & Digital |
| Channel Jump | Yes |
| Channel Surf | Yes |
| Control for HDMI (HDMI CEC) | Yes |
| Edit Channel Labels | Yes |
| Info Banner | Yes |
| Input Skip | Automatic |

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|---|---|
| Label Inputs | Yes |
| Multiple Language Display | English, French, Spanish |
| On-Screen Clock | Yes |
| On-Screen Display for External Input | Yes |
| On-Screen Operating Instructions | Yes |
| On/Off Timer | Yes |
| PAP (Fixed or Variable) | PAP(Variable) |
| PIP (Picture in Picture) | Yes |
| Parental Control | Yes |
| Picture Adjustments Lock | Yes |
| Picture Frame Mode | Yes |
| Scene Select | Photo, Music, Cinema, Game, Graphics, Sports, Animation |
| Show/Hide Channels | Yes |
| Skin Naturalizer | Yes |
| Sleep Timer | Yes |
| USB Application(s) | Yes |
| Inputs and Outputs | |
| AC Power Input | 1 (Rear) |
| Analog Audio Input(s) (Total) | 2 (Rear) |
| Audio Out | 1 (Side/Hybrid) |
| Component Video (Y/Pb/Pr) Input(s) | 1 (Rear/Hybrid) |
| Composite Video Input(s) | 2 (1 Rear/1 Hybrid) |
| Digital Audio Output(s) | 1 (Rear) |
| Ethernet Connection(s) | 1 (Rear) |
| HDMI Connection(s) (Total) | 4 (1 Side/3 Rear) |
| HDMI PC Input | Yes |
| Headphone Output(s) | 1 (Side/Hybrid) |
| PC In (D-Sub) + Audio In (Stereo Mini) | D-Sub 1(Side), Mini 1(Rear) |
| RF Connection Input(s) | 1 (Rear) |
| USB 2.0 | 2 (Side) |
| TV System | |
| Channel Coverage | VHF: 2-13, UHF: 14-69, CATV: 1-135 |
| Color System | NTSC |
| Number of Tuners (Analog) | 1 |
| Number of Tuners (Digital) | 1 |
| TV System (Analog) | M |
| TV System (Digital) | ATSC |

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|---|---|
| Tuner (Cable) | Clear QAM |
| Tuner (Terrestrial) | ATSC |
| Weights and Measurements | |
| Dimensions (Approx.) | 37 1/4 x 23 1/8 x 1 2/3" (943 x 586 x 42mm) without stand; 37 1/4 x 24 3/8 x 9 7/8" (943 x 616 x 250mm) with stand |
| Packaging (Approx.) | 43 3/4 x 26 3/4 x 5 1/4" (1109 x 679 x 132mm); 41 lbs (19 Kg) |
| Weight (Approx.) | 24.7 lbs (11.2 Kg) without stand; 31.8 lbs (14.4 Kg) with stand |
| Design Features | |
| Stand Swivel | Yes |
| Stand Swivel Range | Left 20 degrees/Right 20 degrees |
| Stand Tilt | Yes |
| Stand Tilt Range | 0 degrees- 6 degrees Flexible |
| Energy Saving & Efficiency | |
| Backlight Off Mode | Yes |
| Dynamic Backlight Control | Yes |
| Energy Star compliant | Yes (Exceeds v5.0) |
| Broadcast Features | |
| TV Guide On-Screen | Yes |
| Display | |
| Aspect Ratio | 16:9 |
| Display Resolution | Full HD 1080p |
| Dynamic Contrast Ratio | Infinite5 |
| Panel Frequency | 60Hz |
| Screen Size (measured diagonally) | 40" |
| Viewing Angle (Right/Left) | 176 degrees |
| Viewing Angle (Up/Down) | 176 degrees |
| Regulation and Standards Compliance | |
| VESA Hole Pitch | 300 x 300 mm |
| VESA Hole Spacing Compatible | Yes |
| Sensing Features | |
| LightSensor Technology | Yes |
| Presence Sensor | Yes |

## Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

**Product page: https://www.comx-computers.co.za/KDL-40EX520-SONY-40EX520-40-Black-Edge-LED-TV-p-49105.php**

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